

CB Link Uer Ma ua



CanadaBay

Medical Centre for Excellence
N.S.W Australia



CB Link Portal

Canada Bay Medical Centre

Canada Bay Link is a web portal, designed for easy communication, sharing and backup of patient scans and reports.

CB Link User Manual

Canada Bay Medical Centre

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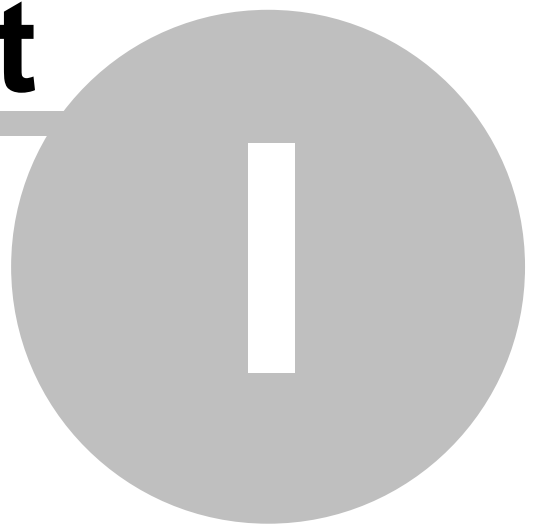
Raking Ltd

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Part



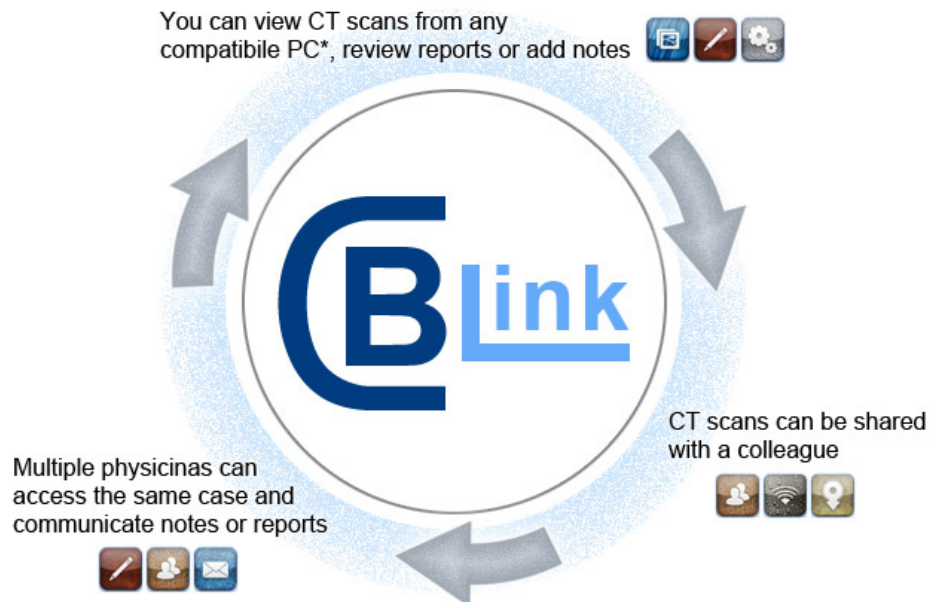
1 Overview

Welcome to the Canada Bay Link pages!

CB Link portal are web-based pages, designed for easy communication and backup of patient images and reports. Primary pages include online multiplanar image viewing, offsite data storage, administrative reporting tools and teleradiology workflow.

1.1 Introduction

After a CB scan has been performed, the case data are automatically backed-up on a secure central server. With password-protected access, users can access studies from any web-enabled computer. CB Link portal also allows another colleague to view the case at your discretion.



1.2 Table of Symbols

New
Online
Offline
Transfer in Progress
Error
Initiate Cancellation for Send of Review
Cancel Review for User
Download Study File
Send for Review



1.3 System Requirements

System Compatibility:

Microsoft Windows XP Pro SP2 or higher

Microsoft Windows Vista or Windows 7

Microsoft Internet Explorer v6, v7 or v8

Minimum Required Configuration:

1.0 GHz processor, 512 MB RAM, 64 MB video card (XP)

1.0 GHz processor, 1 GB RAM, 64 MB video card (Vista)

Recommended Configuration:

1.5 GHz processor, 1 GB RAM, 128 MB video card (XP)

1.5 GHz processor, 2 GB RAM, 128 MB video card (Vista)

1280 x 1024 is the recommended screen resolution. Lower resolutions may work in full screen mode (F11).

Part



2 Quick Guide

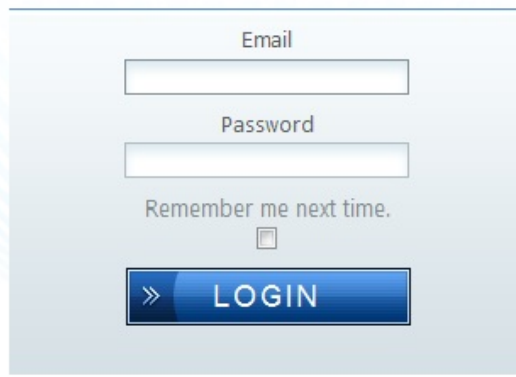
In this section you can find useful information about *CB Link* basics and navigation principles used across the portal.

You will find information on the following topics:

- Log In
- Log Out
- Current Parameters
- Menu
- Perform a Search
- Navigate a List
- Tab Navigation
- Info Bar

2.1 Log In

A successful login requires a valid email address and a password of already created account. There is also an option of remembering the user for next log in.

A screenshot of a login form. It features two input fields: 'Email' and 'Password'. Below the 'Password' field is a checkbox labeled 'Remember me next time.' At the bottom of the form is a blue button with a white right-pointing arrow and the text 'LOGIN'.

- [Join CB Link Today !](#)
- [Forgot your password ?](#)
- [Need help ?](#)
- [HIPAA compliance statement](#)

From this page you can:

- Register and set-up an account, following the **Join CB Link Today** prompts on www.cbink.com.au main page.
-

- Recover a forgotten password by clicking on **Forgot your password?** and following the on-screen prompts.
- Acquire help on CB Link pages by clicking on **Need help?**
- Learn more about Gammasonics Technologies compliance statement by going to **HIPAA compliance statement**.

2.2 Register

To register and set-up an account, follow the **Join CB Link Today** prompts from the Log In page. The Registration page will open.

Sign Up for Your New CB Link Account

Login Information	
Email	<input type="text"/>
Password	<input type="password"/>
Confirm Password	<input type="password"/>
Security Question	<input type="text"/>
Security Answer	<input type="text"/>

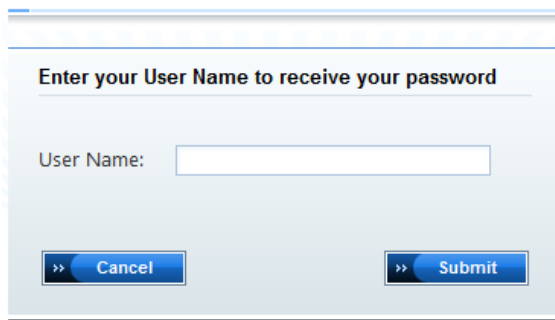
Personal Information	
Title	<input type="text"/>
First Name	<input type="text"/>
Last Name	<input type="text"/>
Gender	-- Select Gender -- ▾
DOB	<input type="text"/>

Professional Information	
Medical Licence Number	<input type="text"/>
Doctor Specialty	-- Select Specialty -- ▾
Practice Name	<input type="text"/>
Country	Australia ▾

After inserting relevant information create *CB Link* account clicking on the **Create User** button, or cancel registration by going to the **Cancel** button.

2.3 Forgot Your Password?

To recover a forgotten password click on **Forgot your password?** in the Log In page and follow the on-screen prompt.



After entering and submitting your Username (email address), a temporary password will be sent to your email account.

2.4 Log Out

To log out from *CB Link* portal, click on the **Log Out** button at top right corner of the page (as shown in picture below).



It will take user to the Log In page of *CB Link* portal.

2.5 Current Parameters

As long as logged in, user can at any time get information on an account and username he is signed in with (marked with 1) and his current practice (marked with 2).

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Blink

Logout

Logged in: tester@ctlink.com

Current Practice: Dr. Smith

My Scans

Search Study

First Name Last Name Study Title From study date To study date

Search Clear

Patient	Date Of Birth	Sex	Contact Info	Note
+ _ana _ana	4/4/1979	F		
+ ADA C 48	7/7/2010			
+ ADA C 48	7/7/2010			
+ Anderson Sonja	1/14/1948	F		
+ Andrews Luke	11/26/2002	M	7, Tacoma Str., Sidney, Australia	This patient have serious...
+ AOKI Ayako	9/27/1977			
+ ARCHER Will	7/21/1994			
+ BARKLAY JOHN	3/23/1927	M		
+ Barrett Joseph	8/24/1944	M		
+ Beer Carine	3/21/1980	F		

Page size: 10

118 items in 12 pages

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In a case of having more than one practice, user can to select among his practices from the list (as shown in picture below).

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Practice List

Search Practice List

Name

Id Na

Current Practice: Dr. Smith Practice 1

Dr. Smith Practice 1

Dr. Smith Practice 2

Dr. Smith Practice 3

Dr. Smith Practice 4

manage Practice

Invite to Practice

Practice Info

Practice Users

2.6 Menu

Navigation in *CB Link* portal is done through navigation menu. The **Menu** (marked red) is available from any screen on *CB Link* portal after user logs in.

CanadaBay Medical Centre for Excellence N.S.W Australia

Blink

Logout

Logged in: tester@ctlink.com

Current Practice: Dr. Smith

Menu:

- Studies
- My Scans**
- Manage Practice
 - Invite to Practice
 - Practice Info
 - Practice Users
- Personal
 - Send Invitation
 - Personal Information
 - Change Password
 - Change Security Q&A
- Administration
 - Users
 - Scanners
 - Storage Servers
 - Practices
 - Specialties

My Scans

Search Study

First Name: Last Name: Study Title: From study date: To study date:

Search Clear

Patient	Date Of Birth	Sex	Contact Info	Note
+ _ana_ana	4/4/1979	F		
+ ADA C 48	7/7/2010			
+ ADA C 48	7/7/2010			
+ Anderson Sonja	1/14/1948	F		
+ Andrews Luke	11/26/2002	M	7, Tacoma Str., Sidney, Australia	This patient have serious...
+ AOKI Ayako	9/27/1977			
+ ARCHER Will	7/21/1994			
+ BARKLAY JOHN	3/23/1927	M		
+ Barrett Joseph	8/24/1944	M		
+ Beer Carine	3/21/1980	F		

Page size: 10 118 items in 12 pages

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CB Link users can access different sections of the **Menu** based on their privileges assigned:

- Every **CB Link User** can access **Studies** and **Personal** section of the menu.
- If a **Practice Administrator**, user can access **Manage Practice** menu for his practices.
- If a **CB Link Administrator**, user can access **Administration** menu, to manage users, scanners, storage servers, practices and specialties.

2.7 Preform a Search

The **CB Link** pages - **My Scans**, **Practice Users**, **Users**, **Scanners** and **Practices** contain a search area to locate specific items.

Note: A search will only be performed within the context of the list you are searching in (i.e. study).

Search Study

First Name: Last Name: Study Title: From study date: To study date:

Search Clear

In the **Search** area you can:

- *Search* through the list of items (e.g. studies, practices) based on item property (study title, time range, practice name)
- *Clear* all specified search filters on that page

2.8 Navigate a List

CB Link pages present various lists of items (e.g. patients, users, scanners). All these lists use the same navigation principles:

- To navigate through item pages use *navigation bar* at the bottom of the list (marked with 1)
- To access item from the list (if functionality allowed) click on relevant item.
- Page size (number of items on the page - marked with 2) is presented next to the page navigation bar. To set the size of the items page, select one of the options 10, 20 or 50.
- Total number of items in the list and number of pages is presented in right bottom corner of the page (marked with 3)
- To order items in the list by specific parameter, click on that parameter in the list header (marked with 4)

Patient ▼ 4		Date Of Birth	Sex	Contact Info	Note
+	Smith Andrew	11/16/1982	M		
+	Singh Brar Milkha	12/16/1930	M		
+	Simpson Yvonne	6/3/1967	F		
+	Shipp Daniel	9/13/1972			
+	Shen Kellie	2/22/1999	F		
+	Searles Matthew	2/7/1984	M		
+	Schmidt Rex	10/24/1946	M		
+	Savory Chantell	5/17/2010	F		
+	SANNIBALE Luca	5/19/1987			
+	Sands Anna 1	6/6/1991	F 2		
<div> <div> 118 items in 12 pages 3 </div> <div> Page size: 10 2 </div> <div> 1 2 3 4 5 6 7 8 9 10 ... 11 </div> </div>					

(e.g. in a case above it is 3. from 12 pages of list of 118 patients presented in descending alphabet order by Patient Name. The page size is set to 10 items per page)

2.9 Tab Navigation

Several *CB Link* pages (e.g. *Edit User*, *Edit Practice* in *Administration* section) contain information in several tabs.

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Blink

Logged in: tester@ctlink.com

Current Practice: Dr. Smith Practice 1

Edit User

Personal Information | Password | Security Q&A | **Practices**

Id	Practice	Privilege	Status
14	Dr. Smith Practice 1	Practice member	Active
18	Dr. Smith Practice 2	Practice member	Active
29	Dr. Smith Practice 3	Practice member	Not Active
17	Dr. Smith Practice 3	Practice member	Active
11	Dr. Smith Practice 4	Practice administrator	Active
12	Practice 6	Practice member	Not Active
10	Practice 8	Practice administrator	Not Active

[Add Practice](#)

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To open a tab (marked red in the picture above) click on specific tab name (e.g. *Practices*).

2.10 Info Bar

Relevant information (e.g. upon trying to send a study for review) User can also find in the *Info Bar* at the top of the page (as shown in picture below).

Canada Bay Medical Centre for Excellence N.S.W. Australia

Blink

Logged in: tester@ctlink.com

Current Practice: Dr. Smith Practice 1

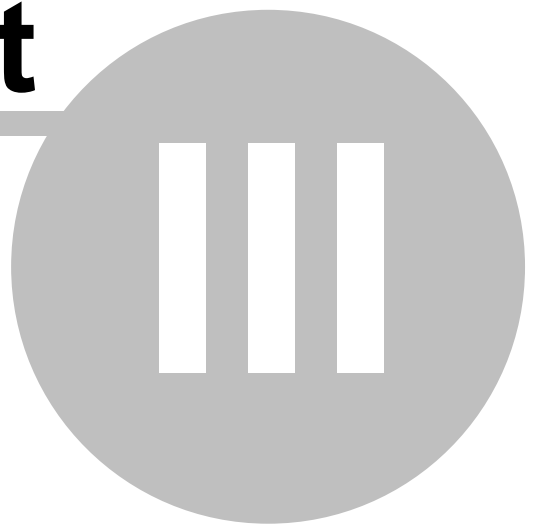
My Scans

Info Bar: ⚠ User with this email does not exist

Search Study

First Name: Last Name: Study Title: From study date: To study date:

Part



3 Studies

To access *CB Link Studies* pages, click on **My Scans** within *Studies* menu (marked with 1). It will take you to *My Scans* page (as shown in picture below) presenting the list of patients with your studies.

The screenshot shows the 'My Scans' page in the CB Link system. The left sidebar has a 'Studies' menu with 'My Scans' highlighted (marked with a red box and the number 1). The main area shows a search bar and a table of patients with their study information.

Patient	Date Of Birth	Sex	Contact Info	Note
+ _Doe John	4/4/1979	F		
+ ADA C 48	7/7/2010			
+ Anderson Sonja	1/14/1948	F		
+ Andrews Luke	11/26/2002	M	7, Tacoma Str., Sidney, Australia	This patient have serious...
+ AOKI Ayako	9/27/1977			
+ ARCHER Will	7/21/1994			
+ BARKLAY JOHN	3/23/1927	M		
+ Barrett Joseph	8/24/1944	M		
+ Beer Carine	3/21/1980	F		
+ blair sonja	2/26/1970	F		

Page size: 10 items in 12 pages

Studies are listed under patients' names as shown in the picture below.

	Patient	Date Of Birth	Sex	Contact Info	Note					
+	blair sonja	2/26/1970	F							
+	Bulloch Warwick	7/2/1965	M							
▼	Burgess Phillip	6/26/1971	M							
Study Title				Study Date	Protocol	Study Type	Status	Download	Review	Cancel
Burgess, Phillip 7/7/2010				7/7/2010	13cm Implant Impactn(20s 300)	Volume				
+	Burke Leni	7/19/1925	F							
+	Carroll Declan	3/7/1999								

To find a patient's study, you can search by patient or by a study information.

3.1 Study Details

To access studies of one patient, click on symbol '+' left of the patient name. The list of studies (see picture below) will open.

	Patient	Date Of Birth	Sex	Contact Info	Note			
+	blair sonja	2/26/1970	F					
+	Bulloch Warwick	7/2/1965	M					
	Burgess Phillip	6/26/1971	M					
Study Title		Study Date	Protocol	Study Type	Status	Download	Review	Cancel
Burgess, Phillip 7/7/2010		7/7/2010	13cm Implant Impactn(20s 300)	Volume				
+	Burke Leni	7/19/1925	F					
+	Carroll Declan	3/7/1999						

Note: Your studies are scans that were made by you or that were sent to you for a review.

As a *CB Link User* you can find following details about every study:

- Study Title
- Study Date
- Protocol
- Study Type
- Transfer Status

A *Transfer Status* of the study can be:

- *New* - for a new study
- *Transfer Started* - study with transfer in progress
- *Online* - study available for review
- *Error* - study transferred with error, not available

Only *Online* studies are available for immediate review.

From this page you can:

- Review study (scan) for a patient by clicking on a Study Title you want to open (see *View a Study* section)
 - Download a study
 - Send study to a colleague for review
 - Cancel request for study review
-

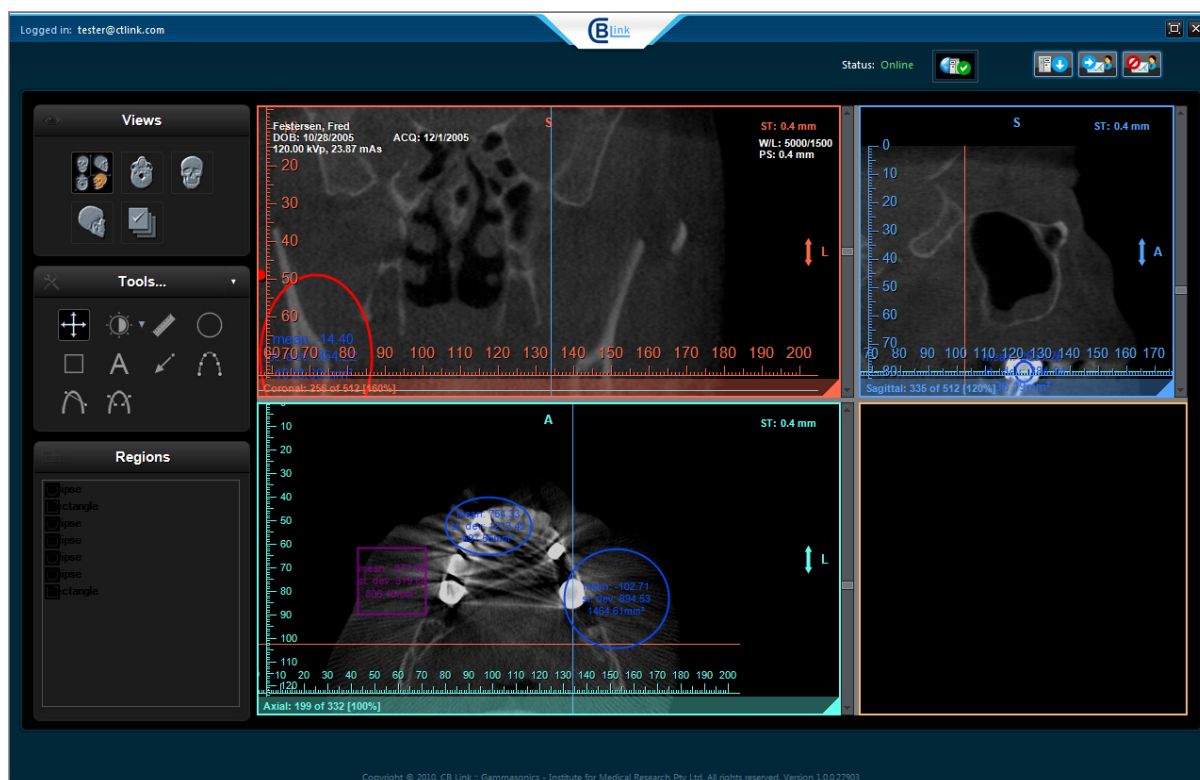
3.2 View Study

To open (review) a study of a patient, click on the Study Title (marked with 1).

Patient	Date Of Birth	Sex	Contact Info	Note			
<div><div></div><div>Doe John</div></div>	4/4/1979	F					
Study Title	Study Date	Protocol	Study Type	Status	Download	Review	Cancel
<div><div>John Doe 9/12/2009</div><div>1</div></div>	9/12/2009	Full 13cm, 20 Sec, 0.3 Voxel	Volume	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>
+ ADA C 48	7/7/2010						
+ Anderson Sonja	1/14/1948	F					
+ Andrews Luke	11/26/2002	M	7, Tacoma Str, Sidney, Australia	This patient have serious...			
+ AOKI Ayako	9/27/1977						

Note: First time CB Link User is initiating viewing of any study on his computer, the Study Viewer (activeX control) will be downloaded from the server and installed on user's computer. Additionally, every time a new version of the Study Viewer is posted on the server, it will be downloaded again and installed in the same way.






If user is trying to access a specific study for the first time on his computer, the study has to be transferred prior to the opening. After the study is transferred (with a status **Online**), **Study Viewer** will open it in Study View page (as shown in a picture below)



For more information on the **Study Viewer** see section 7. **Study Viewer**.

3.3 Download Study






To download a study, click on the **Download** button (marked red in a picture below) for that study.

Patient	Date Of Birth	Sex	Contact Info	Note			
 Doe John	4/4/1979	F					
Study Title	Study Date	Protocol	Study Type	Status	Download	Review	Cancel
<u>John Doe 9/12/2009</u>	9/12/2009	Full 13cm, 20 Sec, 0.3 Voxel	Volume				
+ ADA C 48	7/7/2010						
+ Anderson Sonja	1/14/1948	F					
+ Andrews Luke	11/26/2002	M	7, Tacoma Str, Sidney, Australia				
+ AOKI Ayako	9/27/1977						

Window will pop up to specify location where file will be downloaded and saved.

3.4 Request Review

To send a request to a colleague to review a study, click on the **Review** button (marked red in a picture below) for that study.

Patient	Date Of Birth	Sex	Contact Info	Note			
 Doe John	4/4/1979	F					
Study Title	Study Date	Protocol	Study Type	Status	Download	Review	Cancel
<u>John Doe 9/12/2009</u>	9/12/2009	Full 13cm, 20 Sec, 0.3 Voxel	Volume				
+ ADA C 48	7/7/2010						
+ Anderson Sonja	1/14/1948	F					
+ Andrews Luke	11/26/2002	M	7, Tacoma Str, Sidney, Australia				
+ AOKI Ayako	9/27/1977						

Window will pop up to specify email address of colleague to send review request message:

Dear <Name>,

A study has been sent to you by <Requester Name>.
Please log in to CBLink.com.au to view the study.

Best regards,
CTLink






After sending the request for a scan review, *colleague - request recipient* will be able to see relevant study in his study list in the My Scans page. In the **Review** section (marked red) it will be noted on mouse-over who was the request initiator.

Patient	Date Of Birth	Sex	Contact Info	Note			
<div><div></div><div>Doe John</div></div>	4/4/1979	F					
Study Title	Study Date	Protocol	Study Type	Status	Download	Review	Cancel
John Doe 9/12/2009	9/12/2009	Full 13cm, 20 Sec, 0.3 Voxel	Volume	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	

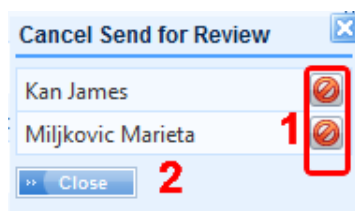
Received from Mrs Irina Privalova

3.5 Request Cancellation

To cancel request for a study review click on the Cancel button (marked red in a picture below).

Patient		Date Of Birth	Sex	Contact Info	Note					
	_Doe John	4/4/1979	F							
Study Title				Study Date	Protocol	Study Type	Status	Download	Review	Cancel
<u>John Doe 9/12/2009</u>				9/12/2009	Full 13cm, 20 Sec, 0.3 Voxel	Volume				
+	ADA C 48	7/7/2010								
+	Anderson Sonja	1/14/1948	F							
+	Andrews Luke	11/26/2002	M	7, Tacoma Str, Sidney, Australia		This patient have serious...				
+	AOKI Ayako	9/27/1977								

The window will pop up with the list of current request recipients for that study.



To cancel request to a specific user, click on the **Cancel** button next to him (marked with 1 in the picture).

To close the window click on the **Close** button (marked with 2).

Part

IV

4 Manage Practice

To access *Practice* pages in *CB Link* portal, go to **Manage Practice** section of the menu (marked with red).

The screenshot shows the CB Link portal interface. The left sidebar contains a menu with the following items: Current Practice (Dr. Smith Practice 4), Studies, My Scans, **Manage Practice** (highlighted with a red box), Search for Doctor, Personal, and Administration. The 'Manage Practice' menu is expanded, showing sub-items: Invite to Practice, Practice Info, Practice Users, and Search for Doctor. The main content area is titled 'My Scans' and features a search form with fields for First Name, Last Name, Study Title, From study date, and To study date. Below the search form is a table of patient scans with columns: Patient, Date Of Birth, Sex, Contact Info, and Note. The table contains 11 rows of data. At the bottom of the table, it says '118 items in 12 pages'.

Patient	Date Of Birth	Sex	Contact Info	Note
+ _Doe John	4/4/1979	F		
+ ADA C 48	7/7/2010			
+ Anderson Sonja	1/14/1948	F		
+ Andrews Luke	11/26/2002	M	7, Tacoma Str., Sidney, Australia	This patient have serious...
+ AOKI Ayako	9/27/1977			
+ ARCHER Will	7/21/1994			
+ BARKLAY JOHN	3/23/1927	M		
+ Barrett Joseph	8/24/1944	M		
+ Beer Carine	3/21/1980	F		
+ blair sonja	2/26/1970	F		

*Note: A simple CB Link user, that is not a Practice Administrator will not have access to this section of the Menu. Additionally, note that **Manage Practice** menu will appear only when user logged in is administrator for currently selected practice*

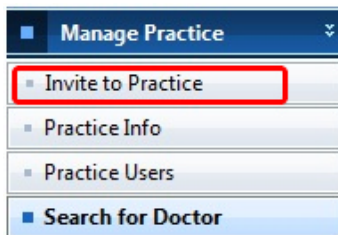
(e.g. in the picture above, logged user is a Practice Administrator for current Dr. Smith Practice 4)

From **Manage Practice** menu you can:

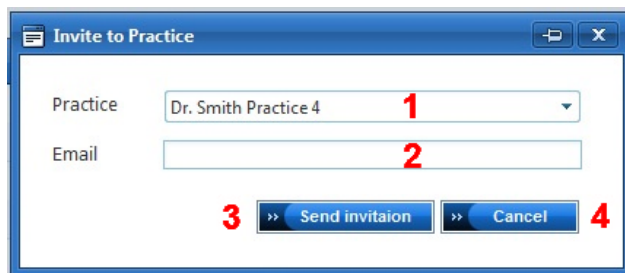
- Invite colleague to the practice by clicking **Invite to Practice**
- Manage practice information by clicking on **Practice Info**
- Manage **Practice Users**

4.1 Invite to Practice

To send email invitation to a colleague to join your practice on *CB Link*, click on **Invite to Practice** within *Manage Practice* section of the Menu (as shown in the picture)



Invite to Practice window will pop up (in picture below) for you to specify a practice and email the invitation.



After setting the practice name (marked with 1) and entering email address of invitation recipient (marked with 2), send invitation to the address specified in the text box (above) by clicking on the button **Send Invitation** (marked with 3). A message with following content will be sent:

Hi,

You have been invited by <Name of Inviter> to join his/her practice on <http://www.CBLink.com.au>.

CB Link is a web-based service designed to complement point-of-care medical imaging systems by providing point-of-expertise viewing and interpretation tools. Primary components include online multiplanar image viewing, offsite data storage, administrative reporting tools, and teleradiology workflow.

Once registered, you will be able to remotely review your clinical cases.

Registration will take less than 5 minutes and is free of charge.

To register, please go to: <http://www.CBLink.com.au/Administration/Registration.aspx>.

Best regards,
CB Link

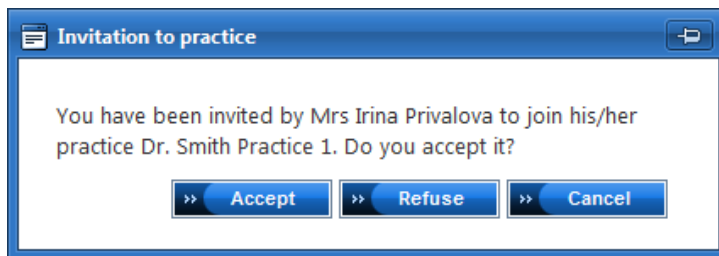
To cancel initiation of sending invitation, click on the **Cancel** button (marked with 4)

Invitation to a new user

If invitation sent to still not registered user, upon registration invited person will be automatically assigned to the specified practice.

Invitation to existing user

If invitation to join a practice is sent to an existing *CB Link* user, next time he logs in to *CB Link* portal, a window (in a picture below) will pop up informing him of invitation.



CB Link user can:

- Accept invitation by clicking on the **Accept** button
- Refuse invitation by going to the **Refuse** button
- Postpone decision for later, by clicking on the **Cancel** button

Practice Manager will be able to track invitation responses for specific practice in the *Practice Users* page (as shown marked red in the picture below)

Practice User List Current practice is changed to Dr. Smith Practice 2

Search Users

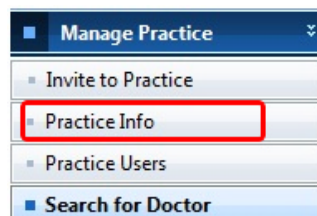
Username Last Name First Name Status -- All -- Privilege -- All --

Id	User	Email	Privilege	Status
25	Bajec Ana	ana.bajec@hotmail.com	Practice administrator	Not Active
23	Peric Pera	pera@pera.com	Practice member	Active
1	Peric Pier	pera@peric.com	Practice member	Not Active
21	Pol Zan	testuser@ctlink.com	Practice member	Active
18	Privalova Irina	tester@ctlink.com	Practice administrator	Active
26	Scanner Administrator Test	testscanadmin@ctlink.com	Practice administrator	Active
63	Smith Mary	marieta.miljkovic@gmail.com	Practice member	Refused

Page size: 10 7 items in 1 pages

4.2 Practice Info

To update relevant practice information, click on **Practice Info** within *Manage Practice* section of the Menu (as shown in the picture).



The Practice Info page will open.

CanadaBay
Medical Centre for Excellence
N.S.W. Australia

Blink

Logout

Logged in: tester@ctlink.com

Current Practice
Dr. Smith Practice 4

Practice Info

Name: Dr. Smith Practice 4

Description: Dr. Smith Practice number 4 office, 1432 Blackburn RD, Sydney

Country: Australia

Status: Active

Save Cancel

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Update the practice information as appropriate, save changes clicking on the **Save** button or cancel modifications clicking on the **Cancel** button.

Note: Status of relevant practice can be *Active* or *Not Active*. If practice not active, it will not be taken into consideration, as if deleted from the portal.

4.3 Practice Users

To access/manage list of users for current practice, click on **Practice Users** within *Manage Practice* section of the Menu (as shown in the picture).

Manage Practice

Invite to Practice

Practice Info

Practice Users

Search for Doctor

Practice User List will open. On this page you can, as a practice administrator, see all users of the specified practice and search through them.

The screenshot shows the 'Practice User List' page in the BLink application. The left sidebar contains navigation options: Current Practice (Dr. Smith Practice 4), Studies, My Scans, Manage Practice (with sub-options: Invite to Practice, Practice Info, Practice Users, Search for Doctor), and Personal (with sub-options: Send Invitation, Personal Information, Change Password, Change Security Q&A). The main content area has a 'Search Users' section with input fields for Username, Last Name, First Name, Status (dropdown), and Privilege (dropdown), along with Search and Reset buttons. Below this is a table of users.

Id	User	Email	Privilege	Status
8	Kan James	test@ctlink.com	Practice member	Active
11	Privalova Irina	tester@ctlink.com	Practice administrator	Active
57	Smith Mary	marieta.miljkovic@gmail.com	Practice member	Active

At the bottom of the table, there are pagination controls: 'Page size: 10' and '3 items in 1 pages'.

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Note:

Practice User Status can be:

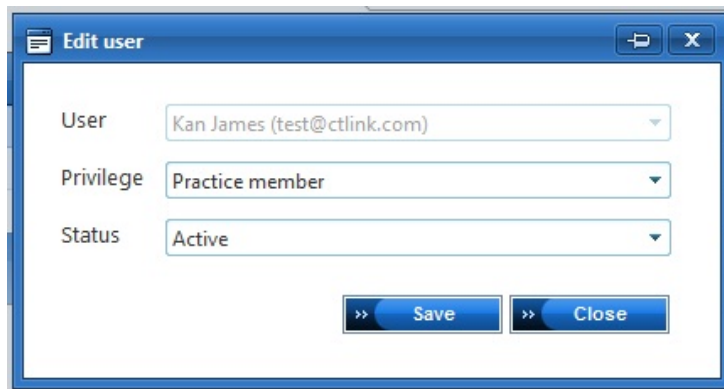
- *Active* - for user active in that practice
- *Not Active* - for user not active in that practice
- *Invited* - for user invited to join specified practice
- *Rejected* - if user decided to reject specified practice invitation

Practice User Privilege can be:

- *Practice Member* - a regular user with no Practice Administration privilege for specific practice. While logged on for that specific practice he will not have a Manage Practice option in his menu.
- *Practice Administrator* - advanced user with Practice Administration privilege to manage specific practice. While logged on for that specific practice he will have a Manage Practice option in his menu.

Edit User

To access a specific Practice User details, click on the name of that user from the list. *Edit User* window will pop up (in picture below).

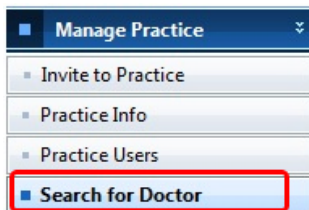


The 'Edit user' dialog box is shown. It has a title bar with a minimize button, a maximize button, and a close button. Inside the dialog, there are three dropdown menus: 'User' (selected: Kan James (test@ctlink.com)), 'Privilege' (selected: Practice member), and 'Status' (selected: Active). At the bottom of the dialog are two buttons: 'Save' and 'Close'.

Change Privilege or Status of selected user, update information and save changes by clicking on the **Save** button (in the picture above). To cancel potential changes (before saving) and close *Edit User* window click **Close** button.

4.4 Search for Doctor

To search for a doctor from specific practice, log in as a *Practice Administrator* and click on **Search for Doctor** within *Manage Practice* section of the Menu (as shown in the picture).



Search for Doctor page will open. On this page you can, as a Practice Administrator, see all doctors of the specified practice and search through them.

CanadaBay
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N.S.W Australia

CBlink

Logged in: practiceadmin@cblink.com.au

Current Practice
Medica - Belgrade

Studies

My Scans

Manage Practice

Invite to Practice

Practice Info

Practice Users

Search for Doctor

Personal

Send Invitation

Personal Information

Change Password

Change Security Q&A

Search for Doctor

Search Doctor

Username

Last Name

First Name

Specialty -- All --

Search

Reset

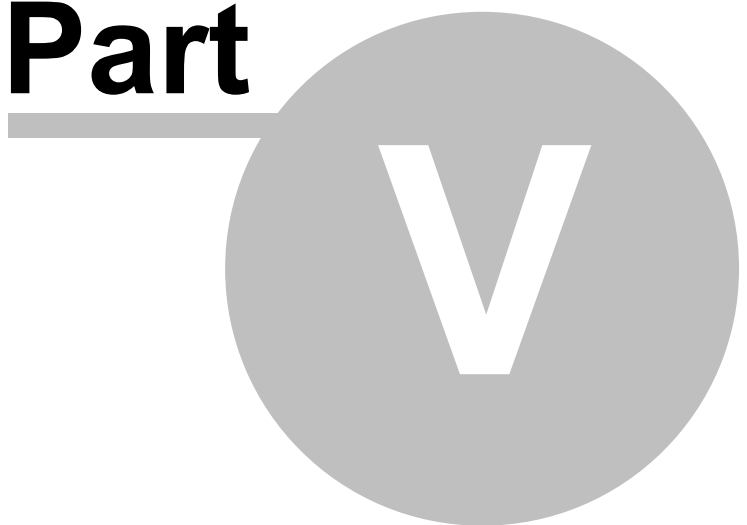
Id	Guid	Username	Last Name	First Name	Specialty
1	96681240-f091-4689-8241-30b96b71c141	admin@cblink.com.au	Test	Administrator	ENT
2	ecde0fc0-9378-400a-b8d2-d28cda19159c	test@cblink.com.au	Test	User	Endodontics
3	54b19336-83b9-4d62-9513-7ed1d795e791	practiceadmin@cblink.com.au	Test	Practice Administrator	ENT
4	8d3fcd2a-e062-458f-8a66-6f8a5a6db052	ordering@rakingone.com	doctor	ordering	Endodontics
5	7bf6c770-00d2-4f37-846c-95833b335a9f	referring@rakingone.com	doctor	referring	Dental public health

Page size: 10

5 items in 1 pages

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Part



5 Personal

To access *Personal* pages in *CB Link* portal, go to **Personal** section of the menu (marked with red).

The screenshot shows the CB Link portal interface. On the left, a sidebar menu contains several sections: 'Current Practice' (Dr. Smith Practice 4), 'Studies', 'My Scans', 'Manage Practice' (with sub-items: Invite to Practice, Practice Info, Practice Users), 'Personal' (highlighted with a red box, containing: Send Invitation, Personal Information, Change Password, Change Security Q&A), and 'Administration' (with sub-items: Users, Scanners, Storage Servers, Practices, Specialties). The main content area is titled 'My Scans' and includes a 'Search Study' form with fields for First Name, Last Name, Study Title, From study date, and To study date. Below the search form is a table of patient scans. The table has columns: Patient, Date Of Birth, Sex, Contact Info, and Note. The data rows are as follows:

Patient	Date Of Birth	Sex	Contact Info	Note
+ _Doe John	4/4/1979	F		
+ ADA C 48	7/7/2010			
+ Anderson Sonja	1/14/1948	F		
+ Andrews Luke	11/26/2002	M	7, Tacoma Str, Sidney, Australia	This patient have serious...
+ AOKI Ayako	9/27/1977			
+ ARCHER Will	7/21/1994			
+ BARKLAY JOHN	3/23/1927	M		
+ Barrett Joseph	8/24/1944	M		
+ Beer Carine	3/21/1980	F		
+ blair sonja	2/26/1970	F		

At the bottom of the table, there is a pagination bar showing 'Page size: 10' and '118 items in 12 pages'.

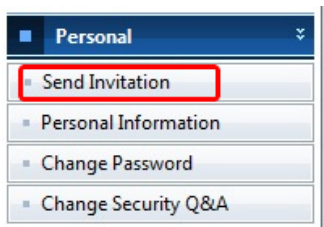
Note: All *CB Link* account roles can access this menu section.

From here you can:

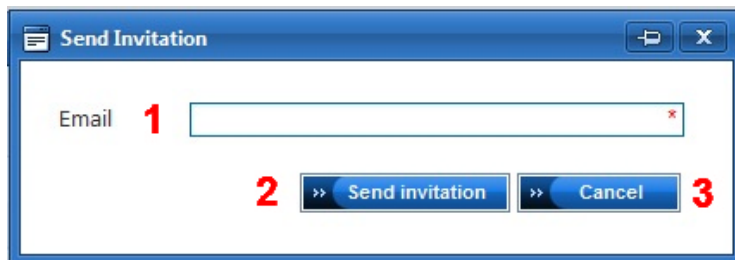
- **Send invitation** to join *CB Link* to a specific email
- Manage personal information by clicking on **Personal Information**
- **Change password**
- **Change security Q&A**

5.1 Send Invitation

To send email invitation to a colleague to join *CB Link*, click on **Send Invitation** within *Personal* section of the Menu (as shown in the picture)



Send Invitation window will pop up (in picture below) for you to enter email address to which you would like to send invitation.



After entering email of an invitation recipient (marked with 1):

- To send email invitation to the address specified in the text box above, click on the button **Send Invitation** (marked with 2). A message with following content will be sent:

Hi,

You have been invited by <Name of Inviter> to register on <http://www.CBLink.com.au>.

CB Link is a web-based service designed to complement point-of-care medical imaging systems by providing point-of-expertise viewing and interpretation tools. Primary components include online multiplanar image viewing, offsite data storage, administrative reporting tools, and teleradiology workflow.

Once registered, you will be able to remotely review your clinical cases.

Registration will take less than 5 minutes and is free of charge.

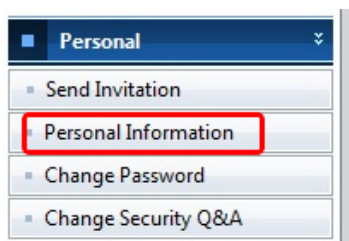
Please, go to: <http://www.CBLink.com.au/Administration/Registration.aspx>.

Best regards,
CB Link

- To cancel initiation of sending invitation, click on the **Cancel** button (marked with 3).

5.2 Personal Information

To update your personal information, click on **Personal Information** within *Personal* section of the Menu (as shown in the picture).



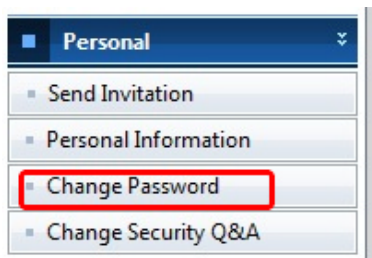
The Personal Info page will open.

A screenshot of the 'Personal Info' page in the CanadaBay system. The page has a blue header with the 'CanadaBay' logo and 'Blink' logo. A 'Logout' button is in the top right. The left sidebar shows a 'Current Practice' dropdown set to 'Dr. Smith Practice 1' and a menu with 'Personal Information' selected. The main content area is titled 'Personal Info' and contains a form with the following fields: Email (tester@ctlink.com), Title (Mrs), First Name (Irina), Last Name (Privalova), Gender (F), DOB (8/8/1988), Doctor Specialty (Dental public health), and Medical Licence Number (1236-6549-8954). At the bottom of the form are 'Save' and 'Cancel' buttons. The footer contains copyright information: 'Copyright © 2010. CB Link :: Gammasonics - Institute for Medical Research Pty Ltd. All rights reserved. Version 1.0.0.31818'.

Update your information as appropriate and save changes clicking on the **Save** button or cancel modifications clicking on the **Cancel** button.

5.3 Change Password

To change your *CB Link* account password click on **Change Password** within *Personal* section of the Menu (as shown in the picture).



After entering an old and new password (with confirmation) as shown in the picture below, to change password, click on the **Change Password** button or cancel the changes clicking on the **Cancel** button.

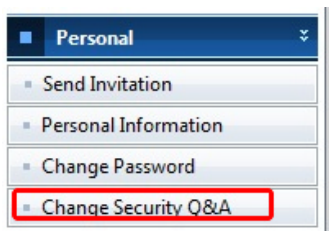
A screenshot of the 'Change Password' form in the CTLink application. The form is titled 'Change Password' and is located within the 'Personal' section of the user menu. It contains three input fields: 'Old Password', 'Password', and 'Confirm Password'. Below the fields are two buttons: 'Change Password' and 'Cancel'. The application header shows 'CanadaBay Medical Centre for Excellence N.S.W. Australia' and 'Blink'. The footer contains copyright information: 'Copyright © 2010. CB Link :: Gammasonics - Institute for Medical Research Pty Ltd. All rights reserved. Version 1.0.0.31818'.

Note: According to *CB Link* password policy, password should have:

- length 5-15 characters
- at least one numeric character

5.4 Change Security Q&A

To change security question and answer for your *CB Link* account, click on **Change Security Q&A** within *Personal* section of the Menu (as shown in the picture).



After entering your password (as shown in the picture below), to change security question and answer, insert the new values and click on the **Change Security Answer** button or cancel the changes clicking on the **Cancel** button.

A screenshot of the 'Change Security Q&A' form in the CanadaBay web application. The form is located in the main content area of the application. The left-hand navigation menu is visible, with 'Change Security Q&A' selected. The form contains three input fields: 'Password' (with a masked password '*****'), 'Security Question' (with the text 'Pet's name?'), and 'Security Answer' (empty). Below the input fields are two buttons: 'Change Security Answer' and 'Cancel'. The top of the page shows the 'CanadaBay' logo, the 'Blink' logo, and a 'Logout' button. The bottom of the page shows the copyright information: 'Copyright © 2010, CB Link :: Gammasonics - Institute for Medical Research Pty Ltd. All rights reserved. Version 1.0.0.31818'.

Part

VI

6 Administration

To access *Administration* pages in *CB Link* portal, go to **Administration** section of the menu (marked with red).

The screenshot shows the CB Link portal interface. On the left, a sidebar menu is visible with the following items: Current Practice (Dr. Smith Practice 4), Studies, My Scans, Manage Practice (Invite to Practice, Practice Info, Practice Users), Personal (Send Invitation, Personal Information, Change Password, Change Security Q&A), and Administration (highlighted in red). Under Administration, there are sub-items: Users, Scanners, Storage Servers, Practices, and Specialties. The main content area is titled 'My Scans' and contains a search form with fields for First Name, Last Name, Study Title, From study date, and To study date. Below the search form is a table with the following data:

Patient	Date Of Birth	Sex	Contact Info	Note
+ _Doe John	4/4/1979	F		
+ ADA C 48	7/7/2010			
+ Anderson Sonja	1/14/1948	F		
+ Andrews Luke	11/26/2002	M	7, Tacoma Str., Sidney, Australia	This patient have serious...
+ AOKI Ayako	9/27/1977			
+ ARCHER Will	7/21/1994			
+ BARKLAY JOHN	3/23/1927	M		
+ Barrett Joseph	8/24/1944	M		
+ Beer Carine	3/21/1980	F		
+ blair sonja	2/26/1970	F		

At the bottom of the table, there is a pagination bar showing 'Page size: 10' and '118 items in 12 pages'.

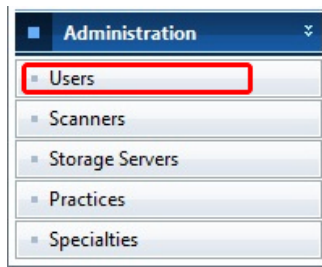
Note: A simple user, which is not a CB Link Administrator will not have access to Administration section of the Menu.

From *Administration* menu you can:

- Manage CB Link **Users**
- Manage CB Link **Scanners**
- Manage **Storage Servers**
- Manage **Practices**
- Manage **Specialties** list

6.1 Users

To manage *CB Link* users, click on **Users** within *Administration* section of the Menu (as shown in the picture).



The User List will open (picture below). As a *CB Link Administrator*, on this page you can see and search list of all users defined in *CB Link* portal (including not active users) .

 A screenshot of the 'User List' page in the CB Link application. The page has a blue header with the 'CanadaBay' logo and 'Blink' logo. A 'Logout' button is in the top right. The left sidebar shows the 'Administration' menu with 'Users' selected. The main content area is titled 'User List' and contains a search form with fields for Username, Last Name, First Name, Status, and Specialty. Below the search form is a table listing users. The table has columns: Id, Username, Last Name, First Name, Status, and Specialty. There are 22 rows of user data. At the bottom of the table, there is a pagination bar showing 'Page size: 10' and '26 items in 3 pages'. An 'Add User' button is located at the bottom right of the table area.

Id	Username	Last Name	First Name	Status	Specialty
1	pera@peric.com	Peric	Pier	Active	Dental public health
2	tester@ctlink.com	Privalova	Irina	Active	ENT
5	pera@pera.com	Peric	Pera	Active	Dental public health
16	test@ctlink.com	Kan	James	Active	Dental public health
17	mina@mina.com	Minic	Mina	Active	Dental public health
18	ana.bajec@hotmail.com	Bajec	Ana	Active	Dental public health
19	VivienMF@gammasonics.com	Munoz-Ferrada	Vivien	Active	Dental public health
20	predrag@rakingone.cmo	Djordjievski	Predrag	Active	Dental public health
21	administrator@ctlink.com	Tester	Administrtator	Active	Dental public health
22	user@ctlink.com	Tester	User	Active	Endodontics

Edit User

To access/update a specific user details, click on username from the list. *Edit User* page will open (picture below). All user information in this page are presented in four tabs:

- Personal Information (open as default *Edit User* tab)
- Password
- Security Q&A
- Practice

CanadaBay
Medical Centre for Excellence
N.S.W. Australia

Blink

Logout

Logged in: tester@ctlink.com

Current Practice
Dr. Smith Practice 1

Studies
My Scans

Personal
Send Invitation
Personal Information
Change Password
Change Security Q&A

Administration
Users
Scanners
Storage Servers
Practices
Specialties

Edit User

Personal Information	Password	Security Q&A	Practices
Email			
Title			
First Name			
Last Name			
Gender			
DOB			
Doctor Specialty			
Medical Licence Number			
User Role			
Administrator Role			

Save Cancel

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In *Personal Information* tab, *CB Link Administrator* can modify any personal information about the user (also see section *Personal, Personal Information*). Additionally, in this tab administrator can set roles for any selected user:

- *User role* - *CB Link* user can access *Studies* and *Personal* section (and *Manage Practice* if he is *Practice Administrator*)
- *Administrator role* - *CB Link Administrator* can additionally access *Administration* section to manage users, scanners, storage servers, practices and specialties

The screenshot shows the 'Edit User' page in the CB Link application. The left sidebar contains a 'Current Practice' dropdown set to 'Dr. Smith Practice 1' and two main menu sections: 'Personal' with options 'Send Invitation', 'Personal Information', 'Change Password', and 'Change Security Q&A'; and 'Administration' with options 'Users', 'Scanners', 'Storage Servers', 'Practices', and 'Specialties'. The main content area has a title 'Edit User' and four tabs: 'Personal Information', 'Password', 'Security Q&A', and 'Practices'. The 'Password' tab is active, displaying 'Password' and 'Confirm Password' input fields. Below these fields are two buttons: 'Change Password' and 'Cancel'. The top header includes the 'Canada Pay' logo, the 'Blink' logo, and a 'Logout' button. The user is logged in as 'tester@ctlink.com'. The footer contains the copyright notice: 'Copyright © 2010. CB Link :: Gammasonics - Institute for Medical Research Pty Ltd. All rights reserved. Version 1.0.0.20781'.

In *Password* tab (picture above) *CB Link* Administrator can change password of any selected user (also see section *Personal, Change Password*).

This screenshot shows the 'Edit User' page with the 'Security Q&A' tab selected. The layout is identical to the previous screenshot, but the 'Security Q&A' tab is active. It displays input fields for 'Security Question' (containing the text 'Pet's name?') and 'Security Answer'. The 'Change Password' button is replaced by a 'Change Security Answer' button, with the 'Cancel' button remaining. The rest of the interface, including the sidebar, top header, and footer, remains the same.

In *Security Q&A* tab (picture above), *CB Link* Administrator can set security question and answer for any user.

Canada Bay Medical Centre **CBlink** [Logout](#)
Logged in: tester@clink.com

Current Practice
Dr. Smith Practice 1

Personal

- Send Invitation
- Personal Information
- Change Password
- Change Security Q&A

Administration

- Users
- Scanners
- Storage Servers
- Practices
- Specialties

Edit User

Personal Information Password Security Q&A Practices

Id	Practice	Privilege	Status
14	Dr. Smith Practice 1	Practice member	Active
18	Dr. Smith Practice 2	Practice member	Active
29	Dr. Smith Practice 3	Practice member	Not Active
17	Dr. Smith Practice 3	Practice member	Active
11	Dr. Smith Practice 4	Practice administrator	Active
12	Practice 6	Practice member	Not Active
10	Practice 8	Practice administrator	Not Active

[Add Practice](#)

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In *Practices* tab, *CB Link* Administrator can access list of all practices relevant for selected user. Administrator can manage relevant user role for any selected practice from the list (also see section *Manage Practices, Practice Users*).

Add User

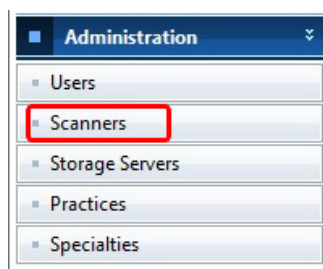
After clicking on the **Add User** button at the bottom of *User List* (*Users* section in *Administration* menu), the Add User page will open (picture below)

To add a new user, *CB Link* Administrator will enter all relevant user information, set his roles, security information and password and go to the **Save** button. To cancel user insertion (before saving) Administrator can click the **Cancel** button.

Note: To map CB Link User to the existing doctor in CT Premium, please contact Medica technical support at support@medicaproducs.com

6.2 Scanners

To manage scanners in *CB Link* portal, click on **Scanners** within *Administration* section of the Menu (as shown in the picture).



The Scanner List will open (picture below). As a *CB Link Administrator*, on this page you can see list of

all scanners defined in *CB Link* portal.

Scanner List

Search Scanner List

Name Practice Status

Id	Name	Practice	Storage Server	StudyUrl	Status
39	1231 Scanner #1	Dr. Smith Practice 4	mrav	192.168.16.95;ctlink;ctlink/C/medica	Active
17	Black	Dr. Smith Practice 1	mrav	192.168.16.95;ctlink;ctlink/C/medica	Active
18	Black Scanner	Dr. Smith Practice 1	mrav	192.168.16.95;ctlink;ctlink/C/medica	Active
25	GSTS Scanner	Dr. Smith Practice 3	mrav		Not Active
13	Scanner 1	Practice 333	black	192.168.16.10;Administrator;black/home/Administrator	Active
4	Scanner 1 from Constantinople	Practice 8	black	192.168.16.10;Administrator;black/home/Administrator	Active
8	Scanner 1008L	Dr. Smith Practice 3	mrav	192.168.16.95;ctlink;ctlink/C/medica	Active
11	Scanner 123	Practice 333	mrav		Not Active
35	Scanner 2	Practice 2	black	URL	Active
5	Scanner 2 KJD88	Practice 2	mrav	http://www.rakingone.com	Active

Page size: 10

29 items in 3 pages

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Edit Scanner

To access/update a specific scanner details, click on the name of that scanner from the list. *Edit Scanner* window will pop up (in picture below).

Edit scanner

Name

Description

Storage Server

Study Url

Practice

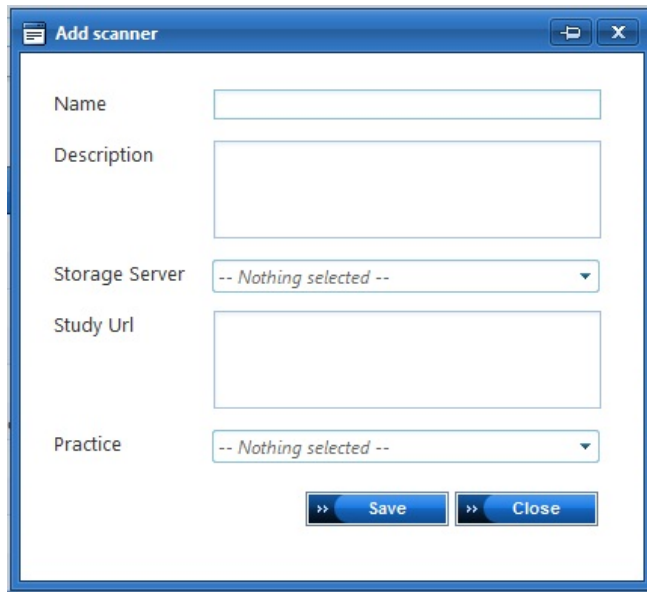
Status

After updating scanner information save changes by clicking on the **Save** button (in the picture above).

To cancel potential changes (before saving) and close *Edit Scanner* window click the **Close** button.

Add Scanner

To add a new scanner to the list, click on the **Add Scanner** button in the *Scanner List* page. *Add Scanner* window will pop up (in picture below). Insert new scanner details and save changes by clicking on the **Save** button (in the picture below). To cancel potential changes (before saving) and close *Add Scanner* window, click the **Close** button.



Note: A new scanner should be added only with *CT Premium* installation. If needed, to map a scanner with to the existing one with *CT Premium*, please contact our Medica technical support at support@medicaproducs.com.

6.3 Storage Servers

To manage storage servers in *CB Link* portal, click on **Storage Servers** within *Administration* section of the Menu (as shown in the picture).



The Storage Server List will open (picture below). As a *CB Link Administrator*, on this page you can see list of all storage servers defined in *CB Link* portal.

Id	Name	Hostname	Path
2	black	192.168.16.10	/C/Administrator
1	mrav	192.168.16.95	/C/medica
3	white	192.168.16.11	/c/Administrator

Edit Storage Server

To edit a specific storage server details, click on the name of that server from the list. *Edit Storage Server* window will pop up (in picture below).

Edit storage server

Name: white

Description: white svr

Hostname: 192.168.16.11

Path: /c/Administrator

Username: username

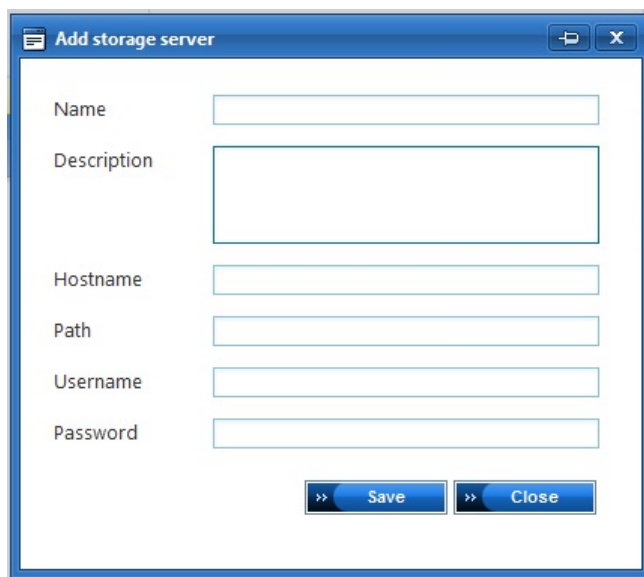
Password: password

Save Close

After updating server information save changes by clicking on the **Save** button (in the picture above). To cancel potential changes (before saving) and close *Edit Storage Server* window click the **Close** button.

Add Storage Server

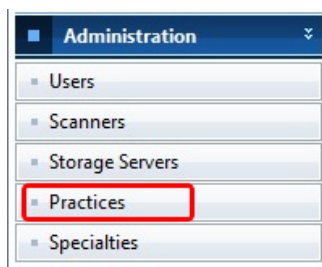
To add a new storage server to the list, click on the **Add Server** button in the Storage Server List page . *Add Storage Server* window will pop up (in picture below). Insert new server details and save changes by clicking on the **Save** button (in the picture below). To cancel potential changes (before saving) and close *Add Storage Server* window, click the **Close** button.



The screenshot shows a window titled "Add storage server". It has a standard Windows-style title bar with a menu icon, a maximize button, and a close button. The main area contains six input fields: "Name", "Description", "Hostname", "Path", "Username", and "Password". At the bottom right, there are two buttons: "Save" and "Close".

6.4 Practices

To manage practices in *CB Link* portal, click on **Practices** within *Administration* section of the Menu (as shown in the picture).



The Practice List will open (picture below). As a *CB Link Administrator*, on this page you can see and search list of all practices defined in portal (including not active practices) .

The screenshot displays the BLink Administration interface. At the top, the Canada Bay Medical Centre logo and BLink logo are visible, along with a 'Logout' button and the text 'Logged in: tester@ctlink.com'. The left sidebar contains a 'Current Practice' dropdown set to 'Dr. Smith Practice 4' and a menu with categories: Manage Practice (Invite to Practice, Practice Info, Practice Users), Personal (Send Invitation, Personal Information, Change Password, Change Security Q&A), Administration (Users, Scanners, Storage Servers, Practices, Specialties), and Practices. The main area is titled 'Practice List' and features a search bar with 'Name' and 'Status' filters, 'Search', and 'Reset' buttons. Below the search bar is a table listing practices.

Id	Name	Description	Status
2	Dr. Smith Practice 1	New Zeland Office	Active
6	Dr. Smith Practice 2	First practice ever	Active
4	Dr. Smith Practice 3		Active
3	Dr. Smith Practice 4		Active
13	First practice	Practice Address; 123 North East st.	Active
15	Jack's office		Active
32	MaDent	MaDent #1	Active
16	NY Dent		Active
5	Practice 2		Not Active
1	Practice 3	desc...	Not Active

Below the table, there are pagination controls showing 'Page size: 10' and '28 items in 3 pages'. An 'Add Practice' button is located at the bottom right of the table area. The footer contains the copyright notice: 'Copyright © 2010. CB Link :: Gammasonics - Institute for Medical Research Pty Ltd. All rights reserved. Version 1.0.0.20781'.

Edit Practice

To access/update a specific practice details, click on the name from the list. *Edit Practice* page will open (picture below). All practice information in this page are presented in three tabs:

- Practice Information (open as default *Edit Practice* tab)
- Users
- Scanners

The screenshot shows the 'Edit Practice' form with the 'Practice Information' tab selected. The form includes fields for Name, Description, Country, and Status. The 'Current Practice' dropdown is set to 'Dr. Smith Practice 4'. The left sidebar shows the 'Manage Practice' menu expanded.

Current Practice: Dr. Smith Practice 4

Manage Practice:

- Invite to Practice
- Practice Info
- Practice Users

Personal:

- Send Invitation
- Personal Information
- Change Password
- Change Security Q&A

Administration:

- Users
- Scanners
- Storage Servers
- Practices
- Specialties

Edit Practice

Practice Information

Name: First practice

Description: Practice Address: 123 North East st.

Country: Australia

Status: Active

Buttons: Save, Cancel

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In *Practice Information* tab, *CB Link Administrator* can modify any information about the practice (also see section *Manage Practice, Practice Info*), including practice status.

The screenshot shows the 'Edit Practice' form with the 'Users' tab selected. It displays a search bar for users and a table of existing users. The 'Current Practice' dropdown is set to 'Dr. Smith Practice 4'. The left sidebar shows the 'Manage Practice' menu expanded.

Current Practice: Dr. Smith Practice 4

Manage Practice:

- Studies
- My Scans
- Manage Practice
- Invite to Practice
- Practice Info
- Practice Users
- Search for Doctor

Personal:

- Send Invitation
- Personal Information
- Change Password
- Change Security Q&A

Administration:

- Users
- Scanners
- Storage Servers
- Practices
- Specialties

Edit Practice

Users

Search Users

Username: Last Name: First Name: Status: -- All -- Privilege: -- All --

Buttons: Search, Reset

Id	User	Email	Privilege	Status
8	Kan James	test@ctlink.com	Practice member	Active
58	Peric Pier	pera@peric.com	Practice member	Not Active
11	Privalova Irina	tester@ctlink.com	Practice administrator	Active
57	Smith Mary	marieta.miljkovic@gmail.com	Practice member	Active

Page size: 10 4 items in 1 pages

Buttons: Add User

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The screenshot displays the 'CBlink' web application interface. At the top left is the 'Canada Day' logo with the date 'Monday, July 1st 2013'. The top right features a 'Logout' button and the text 'Logged in: tester@ctlink.com'. A left sidebar contains a navigation menu with categories like 'Current Practice', 'Manage Practice', 'Personal', and 'Administration'. The main area is titled 'Edit Practice' and shows a table with columns for 'Practice Information', 'Users', and 'Scanners'. The 'Scanners' column lists two items: 'GSTS Scanner' (ID 25) and 'Scanner 1008L' (ID 8).

Practice Information		Users	Scanners
Id	Name		
25	GSTS Scanner		
8	Scanner 1008L		

Add Practice

Canada Bay Medical Centre

Canada Day
Medical Research Institute

Blink

Logout

Logged in: tester@ctlink.com

Current Practice
Dr. Smith Practice 4

Manage Practice

- Invite to Practice
- Practice Info
- Practice Users

Personal

- Send Invitation
- Personal Information
- Change Password
- Change Security Q&A

Administration

- Users
- Scanners
- Storage Servers
- Practices
- Specialties

Add Practice

Name

Description

Country
Australia

Status
Active

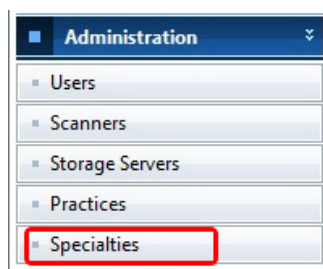
Save Cancel

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To add a new user, *CB Link* Administrator will enter all relevant practice information, set practice status and go to the **Save** button. To cancel practice insertion (before saving) Administrator can click the **Cancel** button.

6.5 Specialties

To manage list of specialties in *CB Link* portal, click on **Specialties** within *Administration* section of the Menu (as shown in the picture).



The Specialty List will open (picture below). As a *CB Link Administrator*, on this page you can see list of all specialties defined in *CB Link* portal.

The screenshot displays the 'Specialty List' in the CB Link administration portal. The interface includes a top header with the 'Canada Bay' logo and 'Blink' branding, a user login status, and a sidebar menu with categories like 'Studies', 'Personal', and 'Administration'. The 'Specialties' option is selected in the sidebar. The main content area shows a table of specialties with columns for 'Id', 'Name', and 'Status'. The table lists 10 specialties, all with a status of 'Active'. Below the table is a pagination control showing 'Page size: 10' and '13 items in 2 pages'. An 'Add Specialty' button is located at the bottom right of the table area.

Id	Name	Status
1	Allergist	Active
2	Dental public health	Active
3	Endodontics	Active
4	ENT	Active
5	Oral and Maxillofacial Pathology	Active
6	Oral and Maxillofacial Radiology	Active
7	Oral and Maxillofacial Surgery	Active
8	Oral Surgeon	Active
9	Orthodontics and Dentofacial Orthopaedics	Active
10	Pediatric dentistry	Active

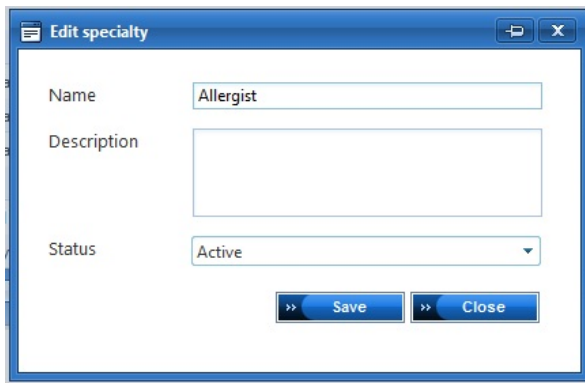
Note:

Specialty Status can be:

- *Active* - for specialties currently active in the portal
- *Not Active* - for specialties that should not be displayed in the Specialty List presented to *CB Link* user. This is alternative of removing existing specialty from the list, equivalent to deletion of that specialty.

Edit Specialty

To access/update a specific specialty details, click on the name of that specialty from the list. *Edit Specialty* window will pop up (in picture below).



Change specialty details (Name, Description) or specialty Status, update information and save changes by clicking on the **Save** button (in the picture above). Cancel potential changes (before saving) and close *Edit Specialty* window by clicking **Close** button.

Add Specialty

To add a new specialty to the list, click on the **Add Specialty** button (at the bottom of Specialty List page). *Add Specialty* window will pop up (in picture below).



Insert specialty details (Name, Description) and save changes by clicking on the **Save** button (in the picture above). To cancel potential changes (before saving) and close *Add Specialty* window click **Close** button.

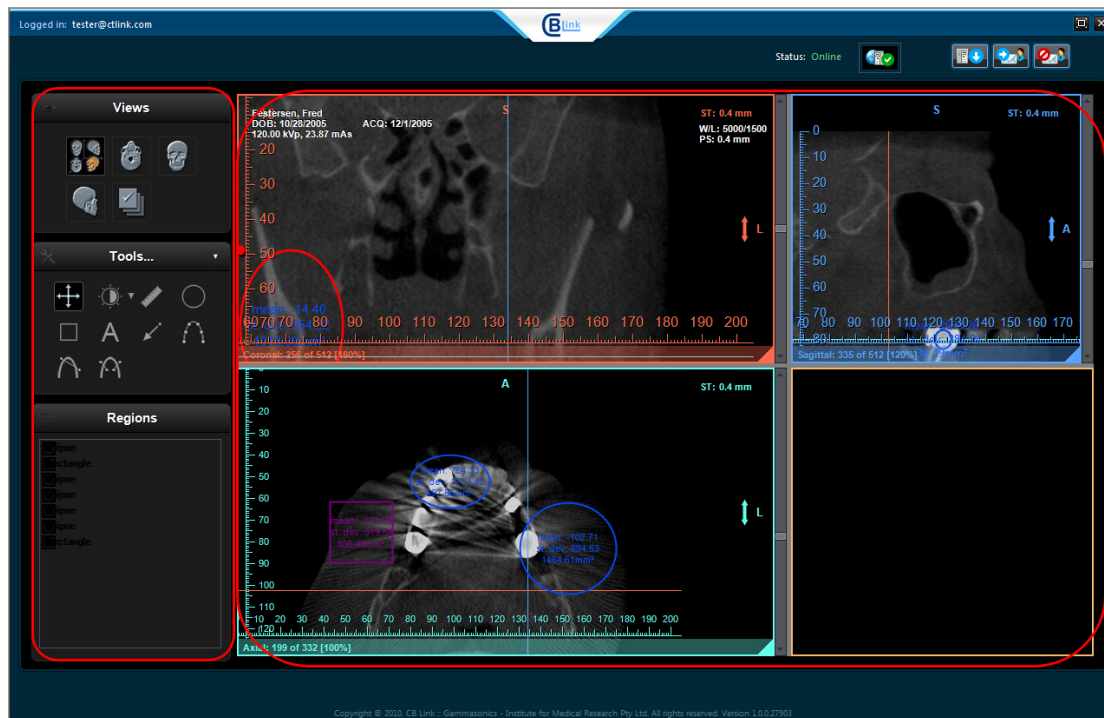
Part

VII

7 Study Viewer

Main components of *CB Link Study Viewer* are:

- Panels group (Views panel, Tools panel, Regions panel)
- The Viewing panel



The changes made in the Study Viewer (window/level, zoom, position, filter, rotation, drawn regions, selected view, etc.) will be saved and applied to the study when it's opened again. The only exception is the Show 3D option from the Tools context menu. This option needs to be activated manually.

7.1 The MPR View

The MPR view is a default view and when study is opened for the first time, this view will be selected and displayed. Selecting the MPR view is done by clicking the MPR button in the Views panel. It contains four different panels:

- Axial
- Coronal
- Sagittal
- 3D Panel

The Axial panel shows axial frames. This is the only panel where Panoramic, Oblique and TMJ regions can be drawn. Except from that these panels behaves the same as Coronal or Sagittal panel.

The Axial, Coronal and Sagittal show all frames of the corresponding frame type. The scroll bar on the right side of each view enables scrolling through frames.

The 3D panel is initially empty. 3D viewing is enabled from the tools context menu.

When the Display 3D item is clicked a progress bar will appear in the 3D view, showing progress of 3D opening. When slices downsampling is done a 3D image will be shown and the 3D View button will be added to the View panel.

The 3D Panel allows 3D model rotation, zoom in and out, changing Window/Level settings, changing the applied palette, and quick navigation.

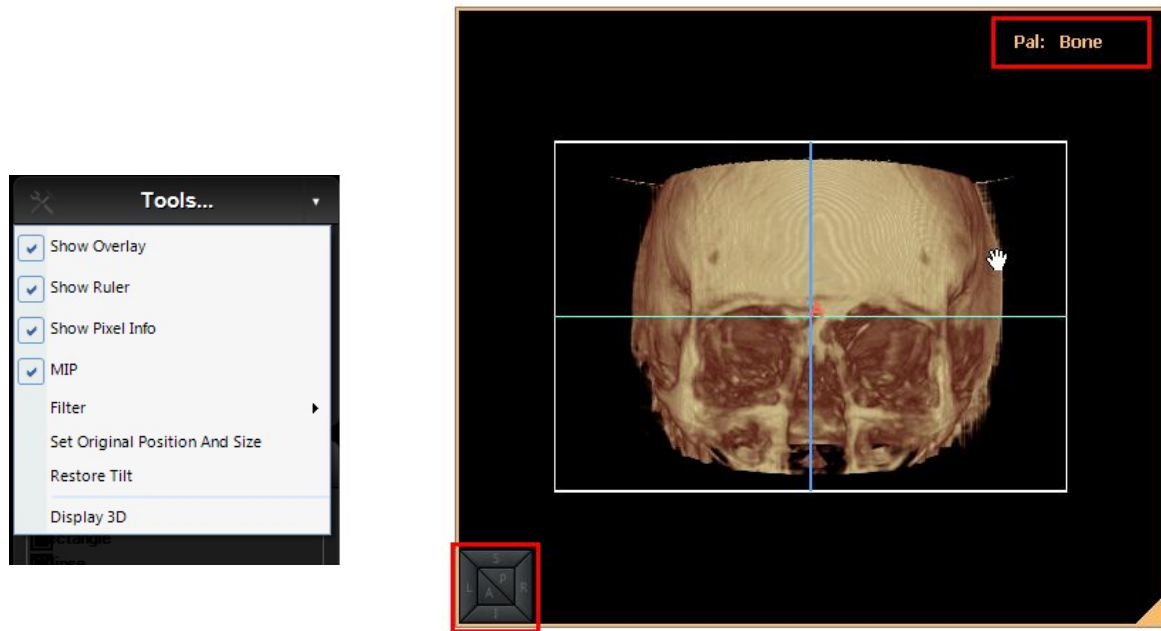
The rotation is performed by clicking and dragging the model to the desired angle and position.

The zoom in and zoom out operations are enabled via left/right clicking.

The viewing palette can be changed by selecting the desired palette from the palette combo box. When moving the mouse pointer above the currently selected palette value the Palette combo box will show available palettes (Bone, Skin, Skin Red, Default, Default 2m and ISI).

Quick navigation buttons enable quick positioning of the 3D model. The button letters stand for:

- L = Left Lateral
- R = Right Lateral
- A = Anterior
- P = Posterior
- S = Superior
- I = Inferior



7.2 The Axial, Coronal and Sagittal Views

The Axial view is opened when the Axial view button from the Views panel is pressed. All Axial frames will be shown in this view in a matrix form. Window level changing is supported in this view, but changes made in one of these views will affect other two views.

Pitch, slice thickness, position, scroll position and column number can be set, individually for each view. These values will be saved when current study is closed.

7.3 Selected View

Selected view type shows all selected images. It shows the Columns button where number of columns can be set. The Pan tool is available in this tool.

7.4 3D View

This view shows 3D model, same as one available in the MPR view as an independent view.

7.5 Tools Panel

The main components of *Tools Panel* are:

- Pan
- W/L
- Distance
- Rectangle
- Ellipse
- Text
- Label
- Panoramic
- Oblique
- TMJ
- The Tools context menu.

The *Pan tool* is a default tool. When the tool is selected, the application allows the user to drag/drop study images within their parent view, thus changing the position of the images. Also, the application allows the user to zoom in / zoom out the images, and to drag / drop the horizontal and vertical hairlines of the displayed images.

To move image to new position make sure that pan tool is selected, and position the mouse pointer above the desired image. Left click and drag / drop the image to the desired position.

To zoom in / zoom out left click / right click above the image.

The *W/L or Window/Level* tool is used to set window and level of the displayed images in one of the available views. The Window/Level changes made in one of the views will affect all views. If W/L is changed in the Axial view, this action will affect Coronal and Sagittal views as well, and vice versa. Changes in one of the view panels in the MPR view will affect Axial, Coronal, and Sagittal panels, and the Axial, Coronal and Sagittal views.

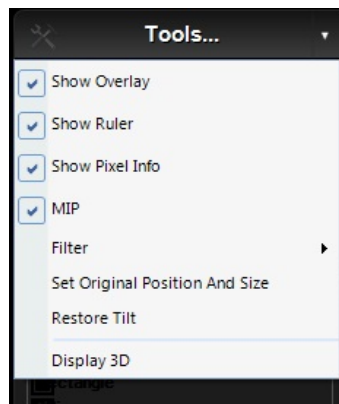
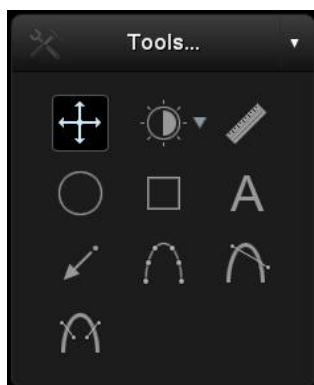
The Window/Level context menu allows selection of predefined values, creating new and deleting old values, and saving current values. The W/L context menu can be opened by clicking the arrow shaped button next to the W/L tool. The Context menu will show all predefined values, and it will show Edit current window level and Save current window level items. To apply one of predefined values just select it from the list.

Tools context menu is displayed when clicking the tools button at top of the Tools panel. It contains the following options:

- Show ruler – when enabled, all viewing panels will display horizontal and vertical rulers, and vice versa.

- Show overlay – when enabled, the application will display overlay (rulers, patient info, and hairlines) on all viewing panels.
- Show pixel info – when enabled, the application will show HU values of the pixels according to the position of the mouse pointer.
- MIP – when enabled, the application will display all study frames with Maximum Intensity Projection (MIP).
- Filter – gives a list of filters that can be applied to displayed frames. Selecting a filter from the list will automatically change the frame display.
- Restore position and size – clicking this option restores the position and zoom of the displayed frames to the original setting (100% zoom and the frame is positioned in the top left corner).
- Restore original tilt – clicking this option restored the original study tilt.
- Load region of interest – enables importing predefined ROI file and applying study viewing settings as defined in the imported file.
- Save region of interest – enables saving current study viewing settings into a ROI file.
- Open 3D / Close 3D – enables / disables 3D viewing.
- Viewing settings – clicking this option displays a dialog box used for defining various study viewing settings (default regions' colors, names, captions, etc.).

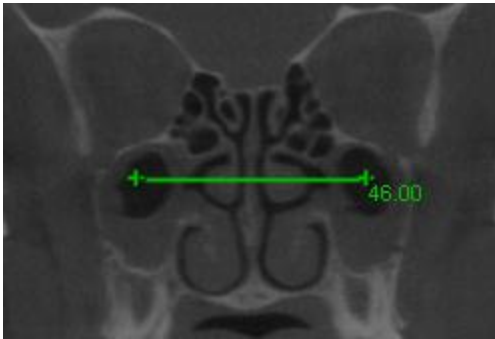
The first two options are enabled by default.



The Distance tool enables drawing measuring region on study slices. To draw the region, mark the position of start and end points between which the line should be drawn. The region can be drawn on all viewing panels, with exception of 3D and Selected slices views. The region will display its length, measured in millimeters. The region will be visible only on the slice on which it was drawn. The region has the following edit options, accessible through the region's context menu:

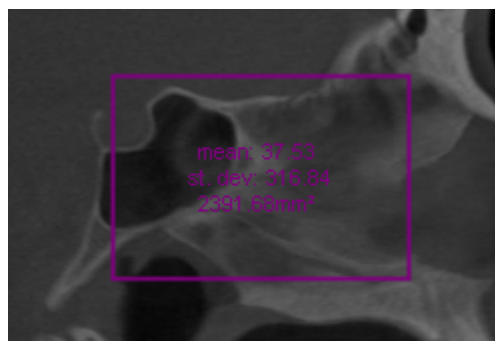
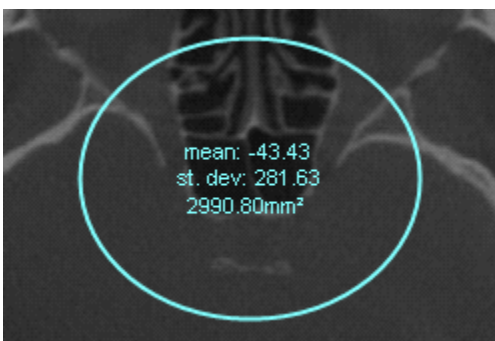
- Go to region
- Visible

- Change name
- Change color
- Delete
- Delete all regions



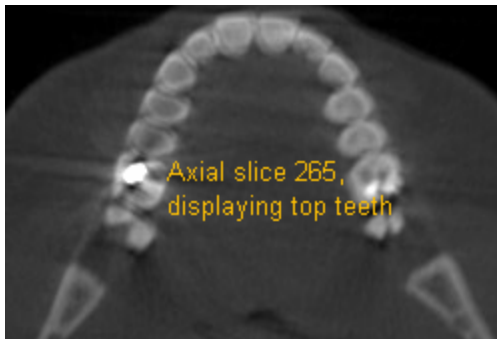
The *Ellipse and Rectangle* tools enable drawing ellipse/rectangle shaped region on study slices. To draw the region, mark the position of two points defining a rectangle that will border the resulting region. The region can be drawn on all viewing panels, except from 3D and Selected slices views. The region shows the medium (average) value and the standard deviation of HU values of the pixels contained by the region. The area of the region is also displayed, measured in square millimeters. The region will be visible only on the slice on which it was drawn. The region has the following edit options, accessible via region's context menu:

- Go to region
- Visible
- Change name
- Change color
- Set water attenuation coefficient
- Delete all regions
- Delete



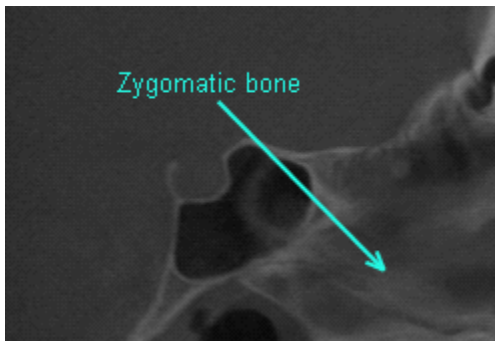
The Text tool enables drawing of text display region. To draw the region, mark the position of the two points that will define a rectangular border of the region. The region can be drawn on all viewing panels, with exception of 3D and Selected slices views. The region will initially show default text. The region's text can be changed using the Edit caption option. The region will be visible only on the slice on which it was drawn. The region has the following edit options, accessible through the region's context menu:

- Go to region
- Visible
- Change name
- Change color
- Edit caption
- Delete all regions
- Delete



The Label tool enables drawing of label region on study slices. To draw the region, mark the position of start and end points between which line should be drawn. The start point will be pointed to, and at the end point label's text will be shown. This region will be visible only on the slice on which it was drawn. The region has the following edit options, accessible through the region's context menu:

- Go to region
 - Visible
 - Change name
 - Change color
 - Edit caption
 - Delete all regions
 - Delete
-



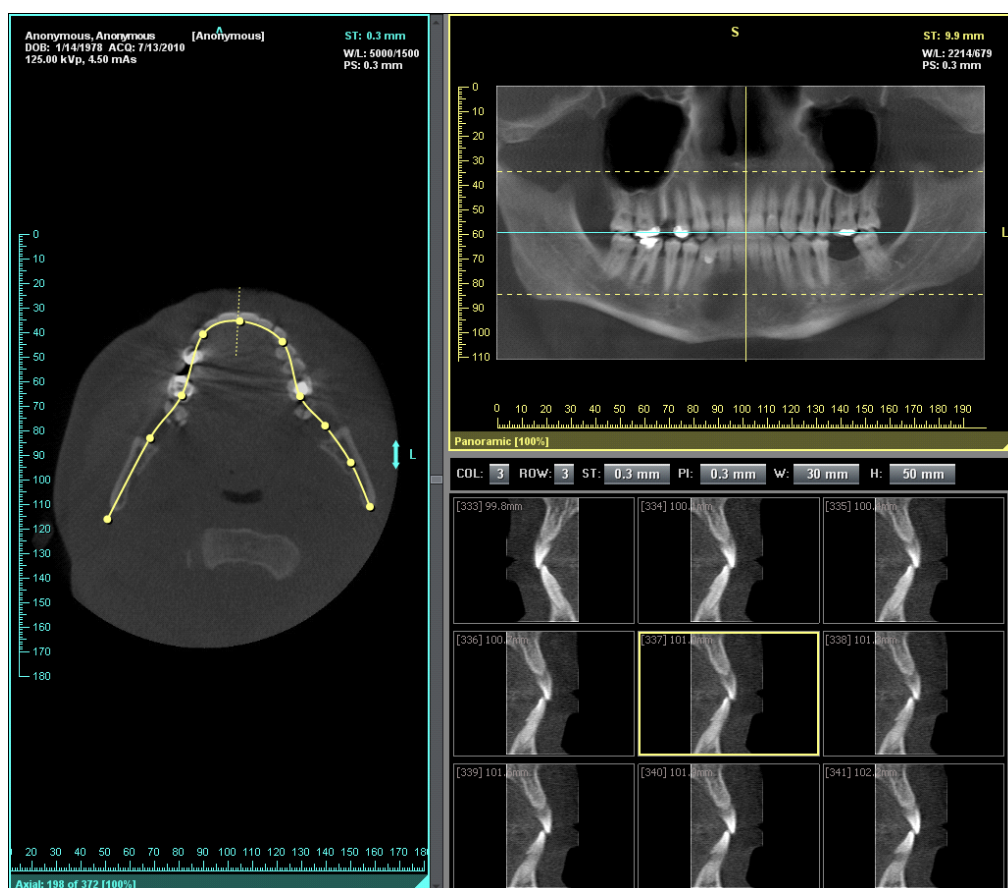
7.6 Panoramic Tool and Panoramic View

The *Panoramic Tool* enables drawing of panoramic region. To draw the region, mark the position of the control points that will define the shape of the region and the application will automatically draw a curve through the control points. The last control point is indicated by mouse double click. The region can be defined by at least two control points.

The region can be drawn only on Axial slices. Once it is drawn the region will be visible on all slices of the Axial view type.

The region can be edited through the following options, accessed via region's context menu:

- Go to region
- Visible
- Change name
- Change color
- Show hashmarks – enables display of region's hashmarks
- Insert point
- Delete point
- Delete all regions
- Delete



The region is used for defining Orthopan images. This means that the curve drawn in the Axial view will generate an image as a vertical intersection of the panoramic curve and all Axial slices of the study, forming a 2D Orthopan image. The generated image is displayed in the Panoramic view.

The Panoramic view is consisted of three viewing panels: Axial, Panoramic and Cross section. The Panoramic viewing panel displays the resulting Orthopan image. The functionalities of the panel are similar to the functionalities of the basic MPR viewing panels. Additionally, the panel displays a Vertical hairline that can be dragged / dropped by the user, and this hairline represents the position on the panoramic curve.

The Cross section viewing panel displays images generated as vertical intersections of the normals on the panoramic curve along its length and Axial slices. The user can set the width and height of the cross sectional images. The center of the image positioned in line with the currently displayed Axial slice (vertical position) and current position of the vertical panoramic hairline (horizontal position).

The user can define slice thickness and pitch (distance between two subsequently displayed images, measured in mm) of cross sectional images, as well as a number of images displayed in the viewing panel.

The user can draw 2D regions (distance, label, text, ellipse and rectangle) on both panoramic and cross sectional images. These regions are called child regions, and the panoramic region is named parent region. Deleting the parent panoramic region will cause a deletion of all of his child regions.

Changing MIP, Filter and WL settings will affect both panoramic and cross sectional images, but it will leave the Axial images intact.

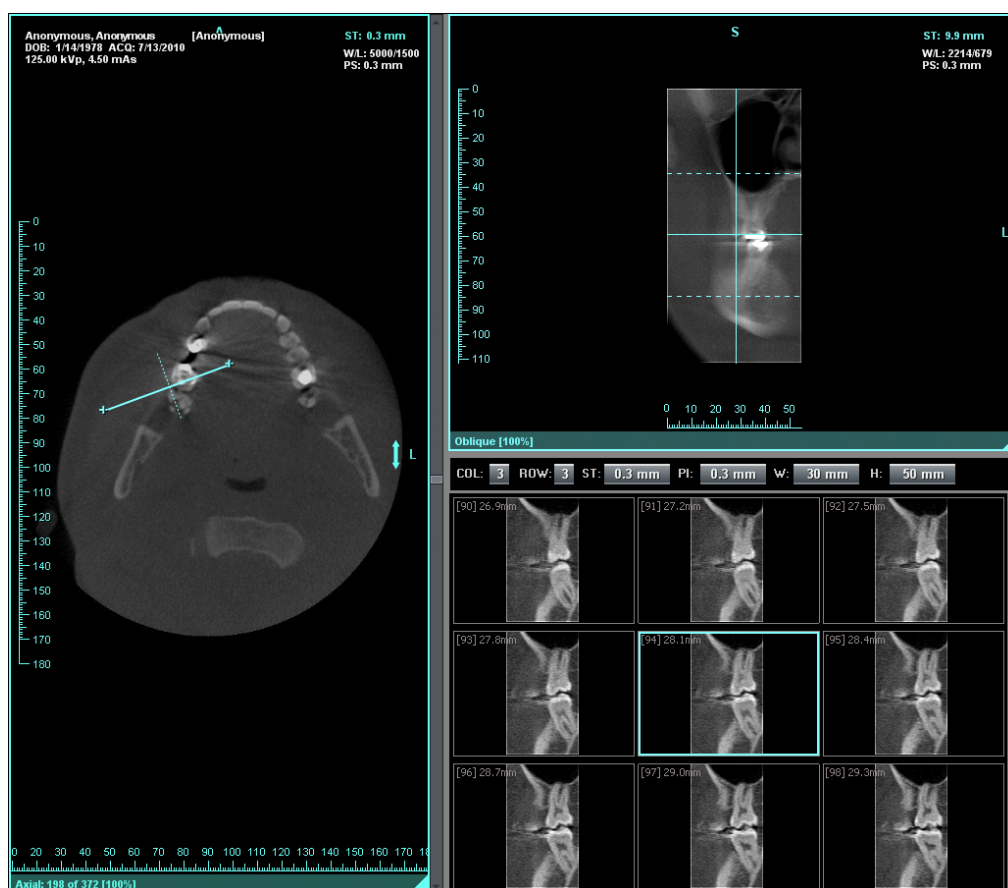
7.7 Oblique Tool and Oblique View

The Oblique tool enables drawing of oblique region. To draw the region, mark the position of two control points and the application will automatically draw a line connecting the control points. Unlike the Panoramic region the oblique region can be defined by two and only two control points.

The region inherits almost all functionalities of the Panoramic region, hence this chapter will describe only the features that differ from the Panoramic region's behavior.

The region can be edited through the following options, accessed via region's context menu:

- Go to region
- Visible
- Change name
- Change color
- Delete all regions
- Delete

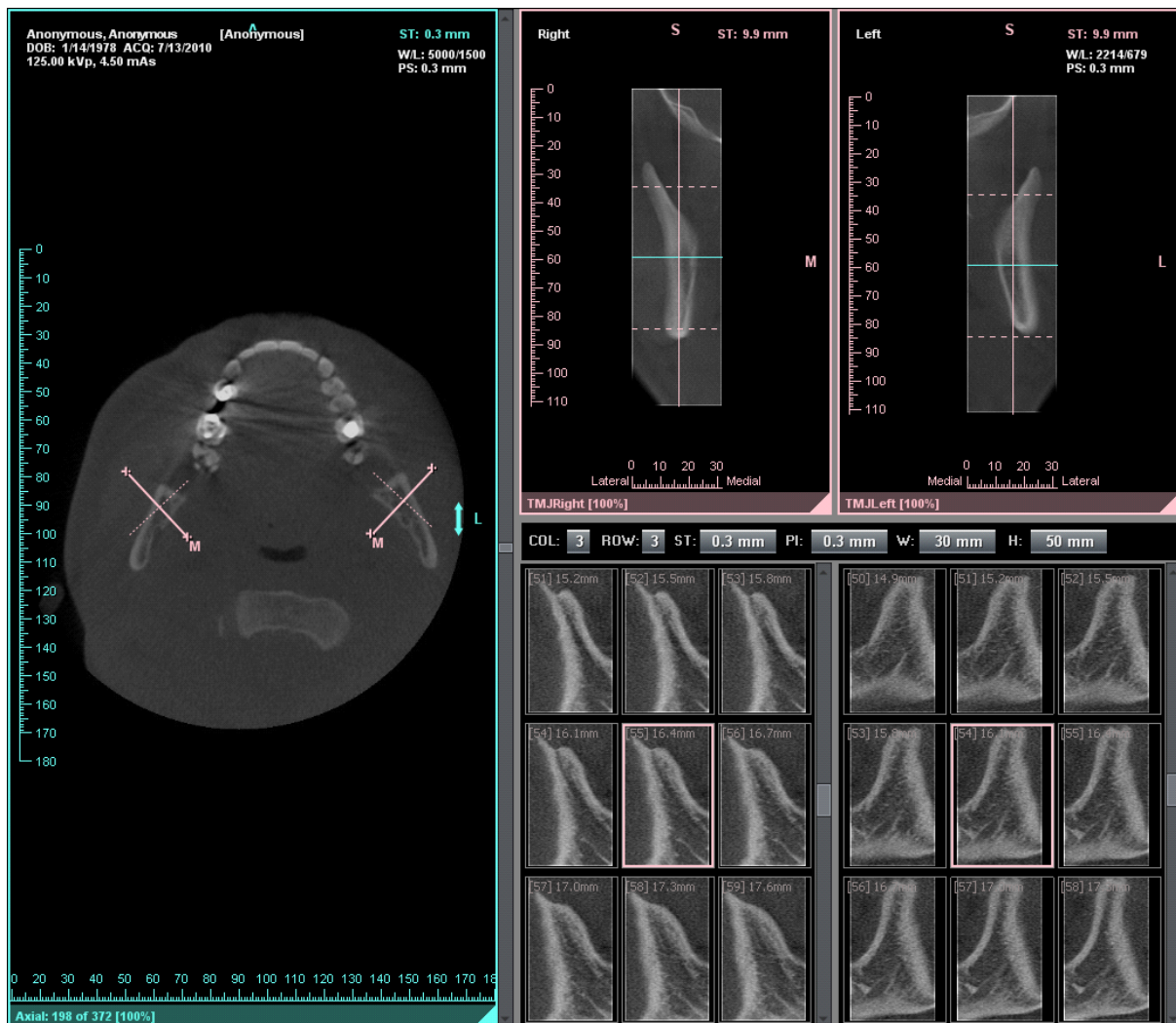


7.8 TMJ Tool and TMJ View

The TMJ tool enables drawing of The Temporomandibular Joint (TMJ) region. To draw the region, mark the position of two control points and the application will automatically draw a line connecting the control points. It will also generate a line mirror axial symmetric to the previous one.

The region can be drawn only on Axial slices of the study. Once it is drawn the region will be visible on all slices of the Axial view type.

The TMJ lines can be moved on the Axial slices – the user can drag and drop one of the lines, and the remaining line will be translated along with the first one. Additionally, the user can change the position of just one TMJ line by dragging/dropping it while pressing the CTRL key on the keyboard. Also, the user can change direction and length of both TMJ lines separately, without affecting the position, location or length of the other line by dragging / dropping control point of the desired TMJ line.



The region can be edited through the following options, accessed via region's context menu:

- Go to region
- Visible
- Change name
- Change color
- Delete all regions
- Delete

The region is usually used for generating panoramic images of condyles. This means that the lines drawn in the Axial view will generate two images as a vertical intersection of the TMJ lines and all Axial slices of the study, forming a set of 2D panoramic image. The generated images are displayed in the TMJ view.

The TMJ view is consisted of five viewing panels: Axial, TMJ left, TMJ right, Cross section left and Cross section right. The TMJ left and right viewing panels display the resulting panoramic images. The functionalities of the panels are the same as the functionalities of the Panoramic and Oblique panels.

The Cross section viewing panels display images generated as vertical intersections of the normals on the TMJ lines along its length and Axial slices. The Cross section panels work in the same way as the Cross section panels of the Oblique and Panoramic views.

7.9 Regions Panel

The *Regions Panel* represents a list of all existing regions. When a region is drawn it is automatically added to the Regions Panel. Each region has its context menu that can be accessed by right clicking on region item in the list. The context menu items differ depending on region type. However there is a list of items that is common for all regions:

- Go to region – selecting this item will navigate to the frame containing selected region, making it currently visible.
 - Visible – determines region's visibility. If one of the regions needs to be hidden, simply uncheck this option for wanted region. The option is checked by default.
 - Change name – enables existing region's name change. To change region name click on the Change name item, this will prompt the input box dialog, allowing you to enter new name of the region. Click the OK button to save your changes.
 - Change color – allows changing region's color. With the targeted region selected select the Change region color menu item. The color dialog box will open. Select the desired color and click the OK button, to change the color of the selected region.
 - Delete – deletes the selected region.
 - Delete all regions – deletes all existing regions from the study.
-

Part



8 Refer Study Acquisition

In this section you can find more information about study referrals and interconnection of *CT Premium* systems with *CB Link* portal. *CT Premium* system is a system comprising of *CT Premium* client desktop application and *CT Premium* scanner device, that is used for acquiring and viewing of patient's scans.

Referral of study acquisition is a process of acquiring patient's scan from one of *CT Premium* Ordering Practices through *CB Link* portal. *Referring Doctor* can refer a patient to one of *CT Premium* Ordering Practices for a scan and then access the relevant study through *CB Link* portal.

Crucial roles in this process are:

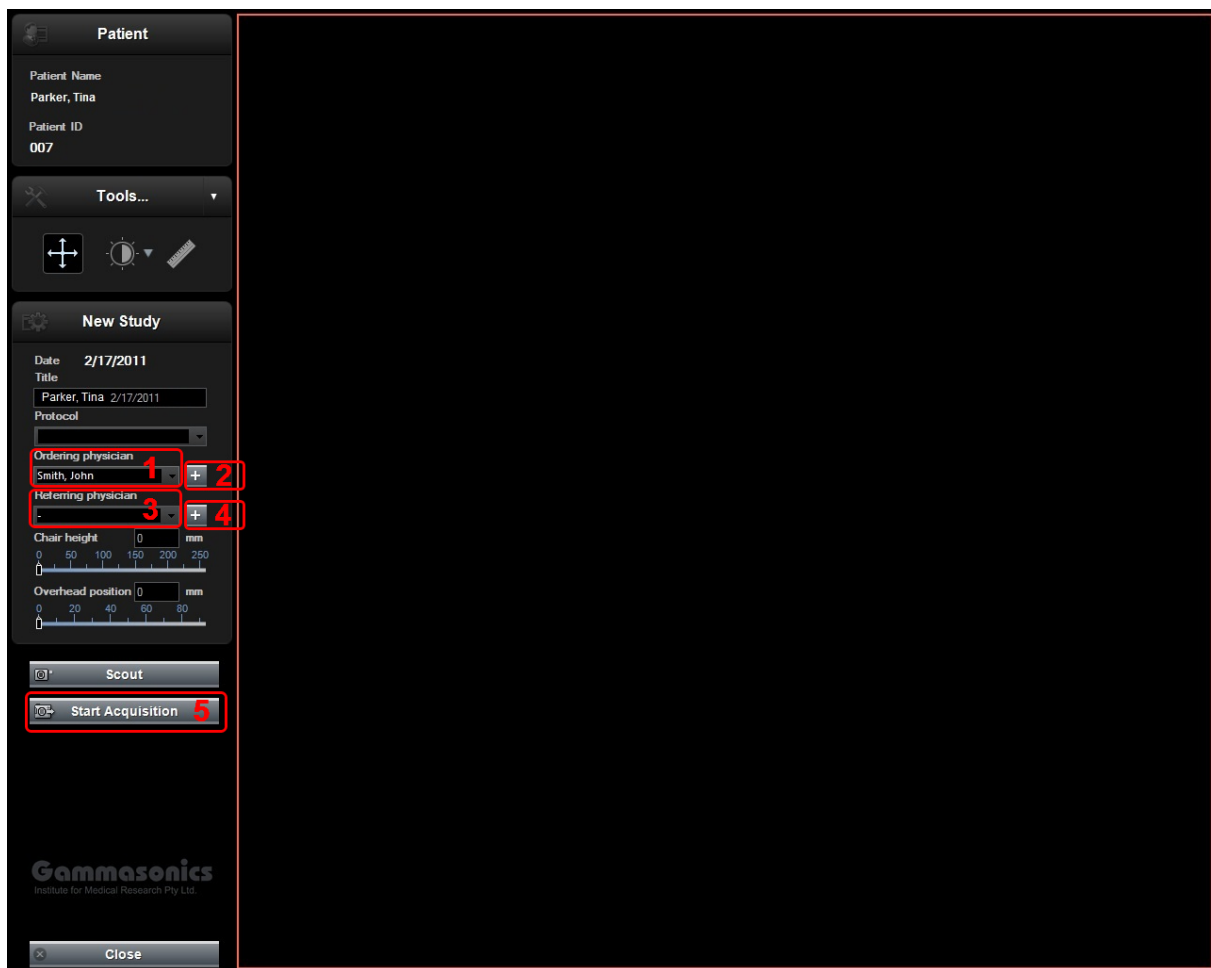
- *Patient* which needs a scan.
- *Ordering Practice and Doctor* - Doctor and a practice with *CT Premium* system that can perform scan acquisition of the patient.
- *Referring Doctor* - Doctor requesting a patient scan. He refers the patient to an *Ordering Practice*, where *Ordering Doctor* will, with his *Performing Doctor/Technician*, make patient scan in *CT Premium* and refer it to *CB Link* portal for the *Referring Doctor* to see it.
- *Performing Doctor/Technician* - User logged in *CT Premium* application, making a patient scan to refer it to the *Referring Doctor* in *CB Link* portal.

Note:

- In a case of a patient visiting directly practice with *CT Premium* system (*Ordering Practice*), *Referring* and *Ordering Doctor* will be the same and only the *Ordering Doctor* will be listed for the study acquired.
 - Very often, *Ordering Doctor* is the same person as *Performing Doctor/Technician*.
 - Prior to referring study acquisition, *Referring Doctor* has to be a registered *CB Link* user. If *Referring Doctor* is not a *CB Link* user, before any referrals he has to register in *CB Link* portal (as describe in section *Register* in *Quick Guide* chapter).
 - *Ordering Doctor* is always a *CT Premium* user.
-

8.1 Refer Study Acquisition in CT Premium

To do a scan acquisition for a patient referred to his *Ordering Practice*, *Performing Doctor/Technician* should log in into *CT Premium* application and go to the Study Acquisition Form for patient (as shown in picture below)



After setting all other relevant parameters for a new study (see *CT Premium* Manual), in order to set *Referring and Ordering Doctor* in *CT Premium*, the *Performing Doctor/Technician* should insure that *Referring and Ordering Doctor* were previously linked with their *CB Link* accounts through Username or ID.

Note: Insuring link between *CT Premium* and *CB Link* accounts for doctors will provide that *Ordering and Referring Doctor* can access the study in *CB Link* portal when acquisition is completed.

To set *Ordering Doctor* for the study, *Performing Doctor/Technician* should select doctor from **Ordering Physician** drop down list for an existing and linked *Ordering Doctor* (marked 1 in picture above), or add a new *Ordering Doctor* clicking on '+' button (marked 2) and link him as described in section *Linking Ordering Doctor* of this chapter.

To set *Referring Doctor* for the study (if any), *Performing Doctor/Technician* should select doctor from **Referring Physician** drop down list for an existing and linked *Referring Doctor* (marked 3 in picture above), or add a new *Referring Doctor* clicking on '+' button (marked 4) and link him as described in section *Linking Referring Doctor in CT Premium to CB Link Doctor* of this chapter.

After setting all relevant parameters, to create a scan start acquisition (marked 5). Upon successful scan acquisition, study will be automatically sent to *CB Link* and both *Ordering and Referring Doctor* will be able see it in their *My Scans* section of portal.

Note: In a case of a patient visiting directly practice with *CT Premium* system (*Ordering Practice*), given that Referring and Ordering Doctor will be the same, only the *Ordering Doctor* will be listed for the scan acquired.

8.2 Acquire Doctor's Username or ID from CB Link

To acquire doctor's username or ID (Guid) in *CB Link* portal, log in to *CB Link* as a *Practice Administrator* and go to *Search for Doctor* page (as describe in *Search for Doctor* paragraph in *Manage Practice* section).

Search for Doctor

Username Last Name First Name Specialty

ID	Guid	Username	Last Name	First Name	Specialty
1	96681240-f091-4689-8241-30b96b71c141	admin@cblink.com.au	Test	Administrator	ENT
2	ecde0fc0-9378-400a-b8d2-d28cda19159c	test@cblink.com.au	Test	User	Endodontics
3	54b19336-83b9-4d62-9513-7ed1d795e791	practiceadmin@cblink.com.au	Test	Practice Administrator	ENT
4	8d3fcd2a-e062-458f-8a66-6f8a5a6db052	ordering@rakingone.com	doctor	ordering	Endodontics
5	7bf6c770-00d2-4f37-846c-95833b335a9f	referring@rakingone.com	doctor	referring	Dental public health

Page size: 10 5 items in 1 pages

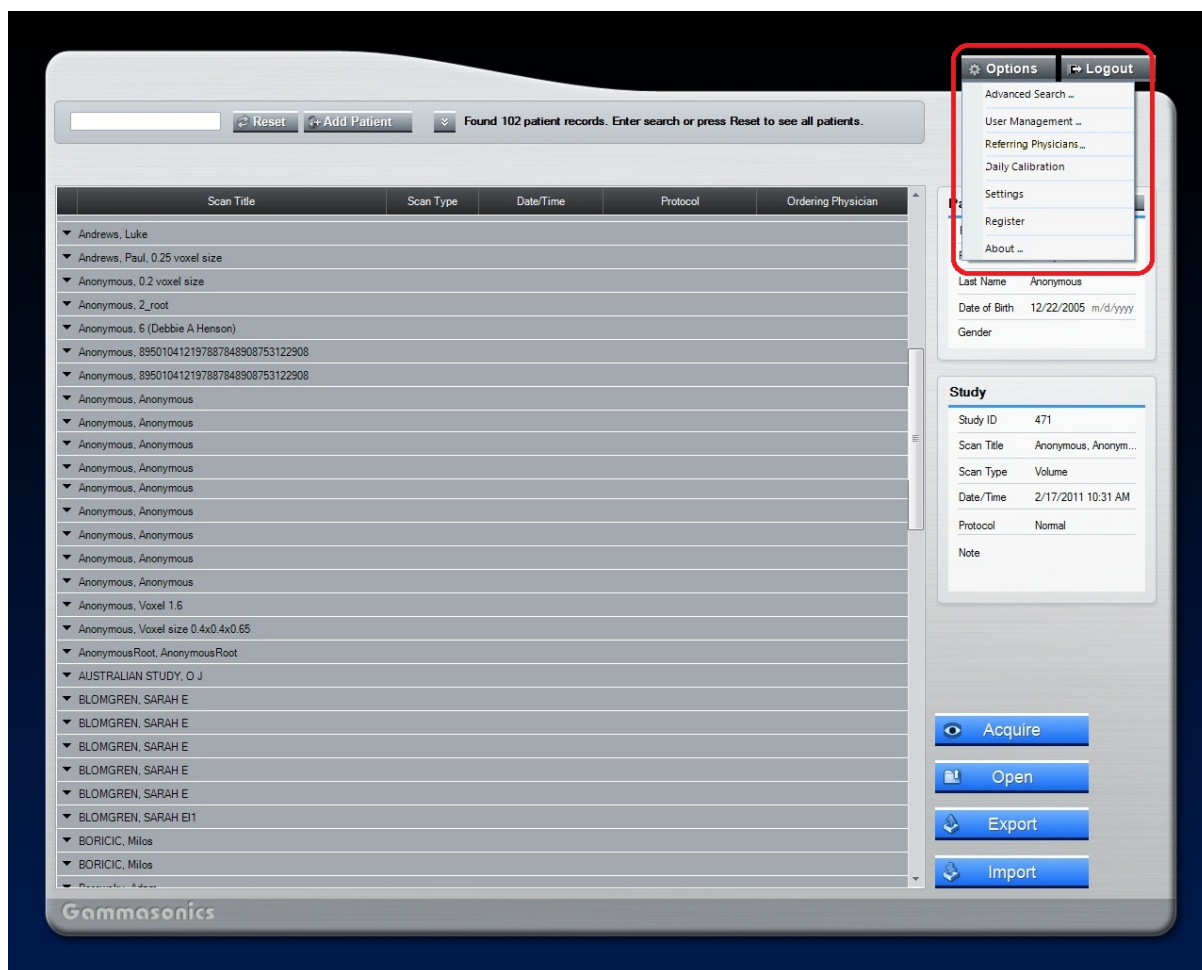
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You will find username or ID for the relevant Doctor in columns **Username** and **Guid** of the table.

8.3 Link Ordering Doctor

If Ordering Doctor already is a CT Premium user, before any scan acquisition, *Ordering Doctor* in *CT Premium* has to be linked with the his *CB Link* account through his ID (Guid).

To do that, log in to *CT Premium*, go to *Options* (marked red) in Patient Management Form (as shown in picture below) and click on *User Management*



User Management page will open. Select *Ordering Doctor* from **User List** and click **Edit** to open User page (as presented below)

The screenshot displays the 'User Management' window with a modal 'User' form. The form fields are as follows:

Field	Value
First Name	John
Last Name	Smith
Username	josh
Password	josh12
Confirm Password	josh12
CB Link ID	(marked with 1)
Active	<input checked="" type="checkbox"/>

Buttons at the bottom of the dialog: Save, Cancel. The background list of users includes: John, Daniel, Misa, Tim, Mary, Joy, Alice, Barbara, Ken, Tina, Will, Anthony, Sarah, Josef, Homer.

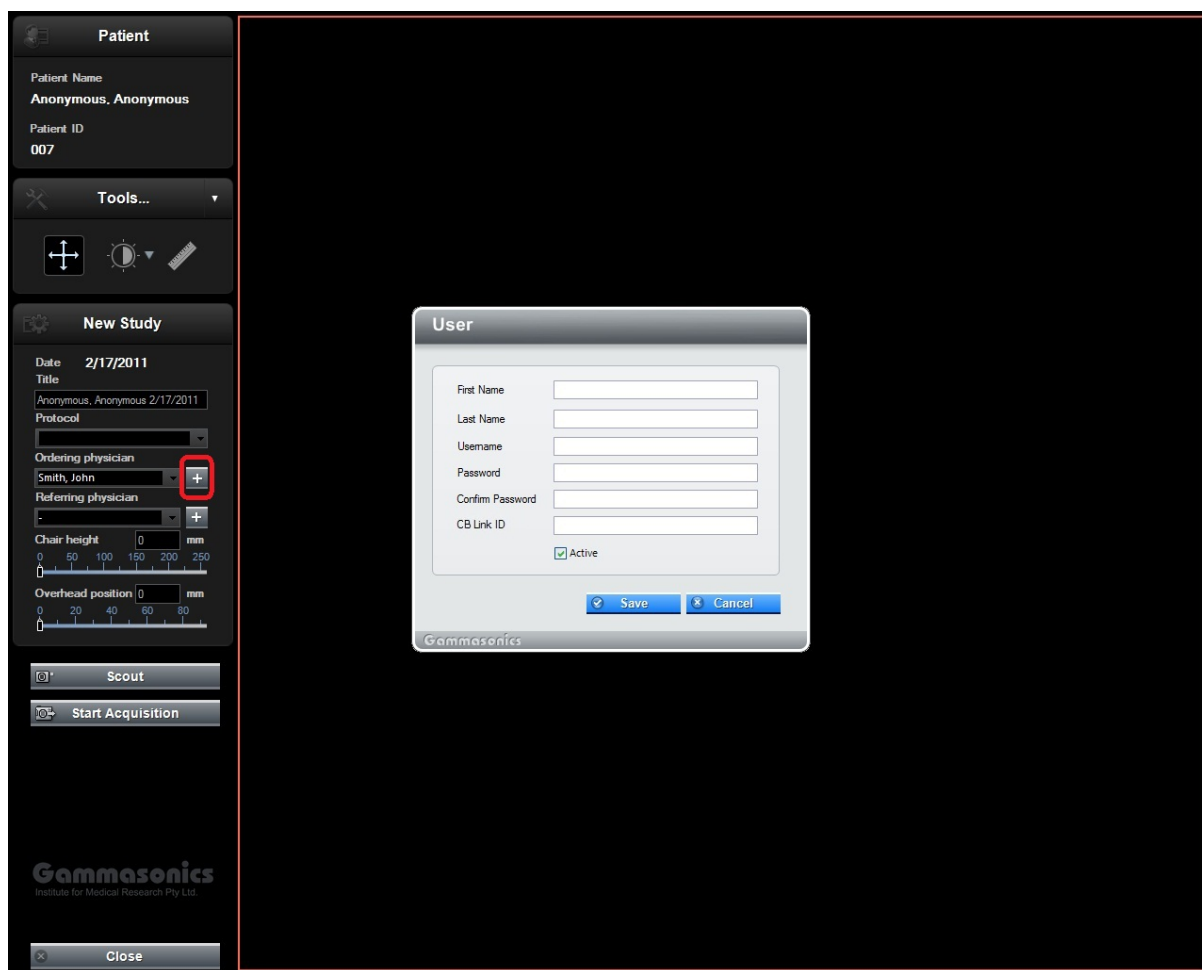
In *CB Link ID* field (marked with 1) insert doctor's *CB Link Guid* (e.g. *8c7ae51d-c4d9-4cf3-b1fb-26cd606217ef*), acquired as described in section *Acquire Doctor's Username or ID from CB Link* of this chapter and save changes clicking the **Save** button. After *Ordering Doctor* is linked with his *CB Link* account, he will be able to see all his studies in *CB Link* portal in *My Scans* section (as described in chapter *Studies*)

Linking CT Premium and CB Link accounts for Ordering Doctor should be done only once per doctor and should not be repeated for every scan acquisition.

Adding and Linking a New Ordering Doctor

If **Ordering Doctor** is still not a **CT Premium user**, before any scan acquisition or linking, he has to be added to *CT Premium* application as *CT Premium User*, by clicking **New** button in *User Management* page. User form will open. Insert relevant information including acquired *CB Link ID* and create new *CT Premium User* pressing **Save** button.

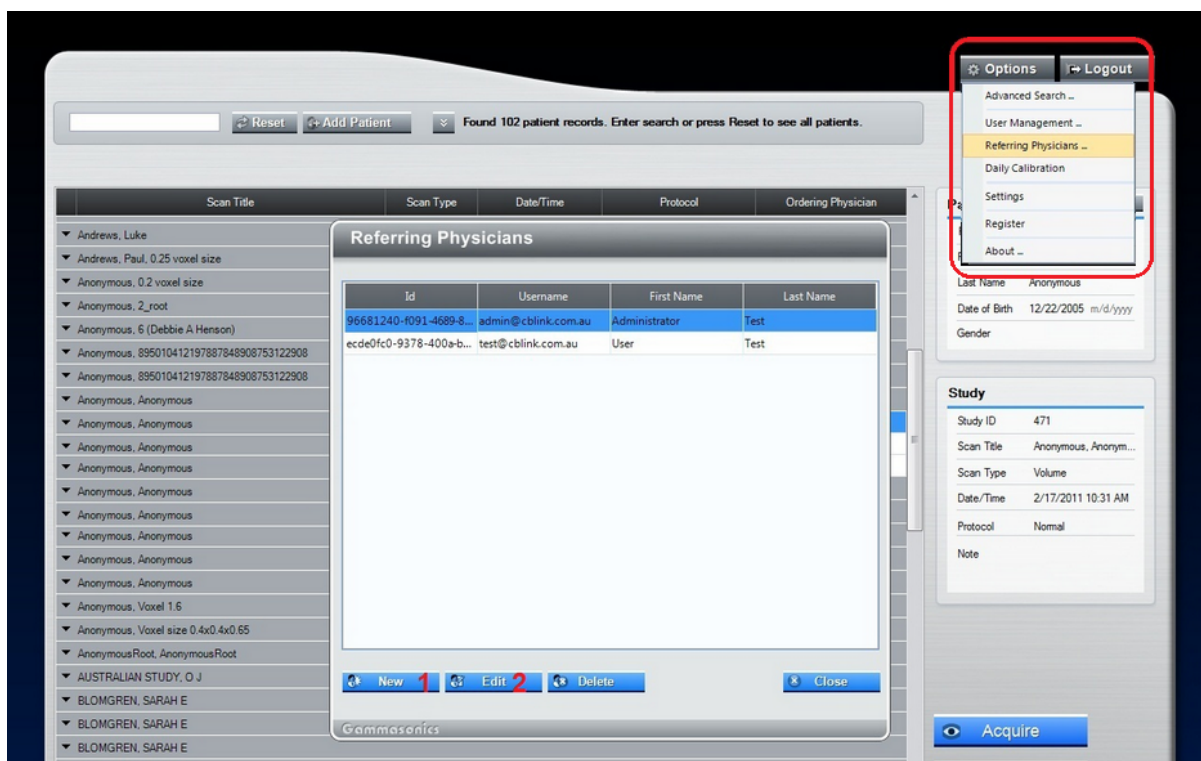
A new *Ordering Doctor* can also be added from the *Acquisition Form*, by clicking on '+' button next to *Ordering Physician* field (marked with red in picture below).



8.4 Link Referring Doctor

If **Referring Doctor** is already a **CB Link** user, before starting any scan acquisition, *Referring Doctor* in *CT Premium* has to be linked with his *CB Link* account through Username or ID.

To do that, log in to *CT Premium*, go to *Options* (marked red) in Patient Management form (as shown in picture below) and click on *Referring Physicians*. The Referring Physicians page will open (as shown in picture below).

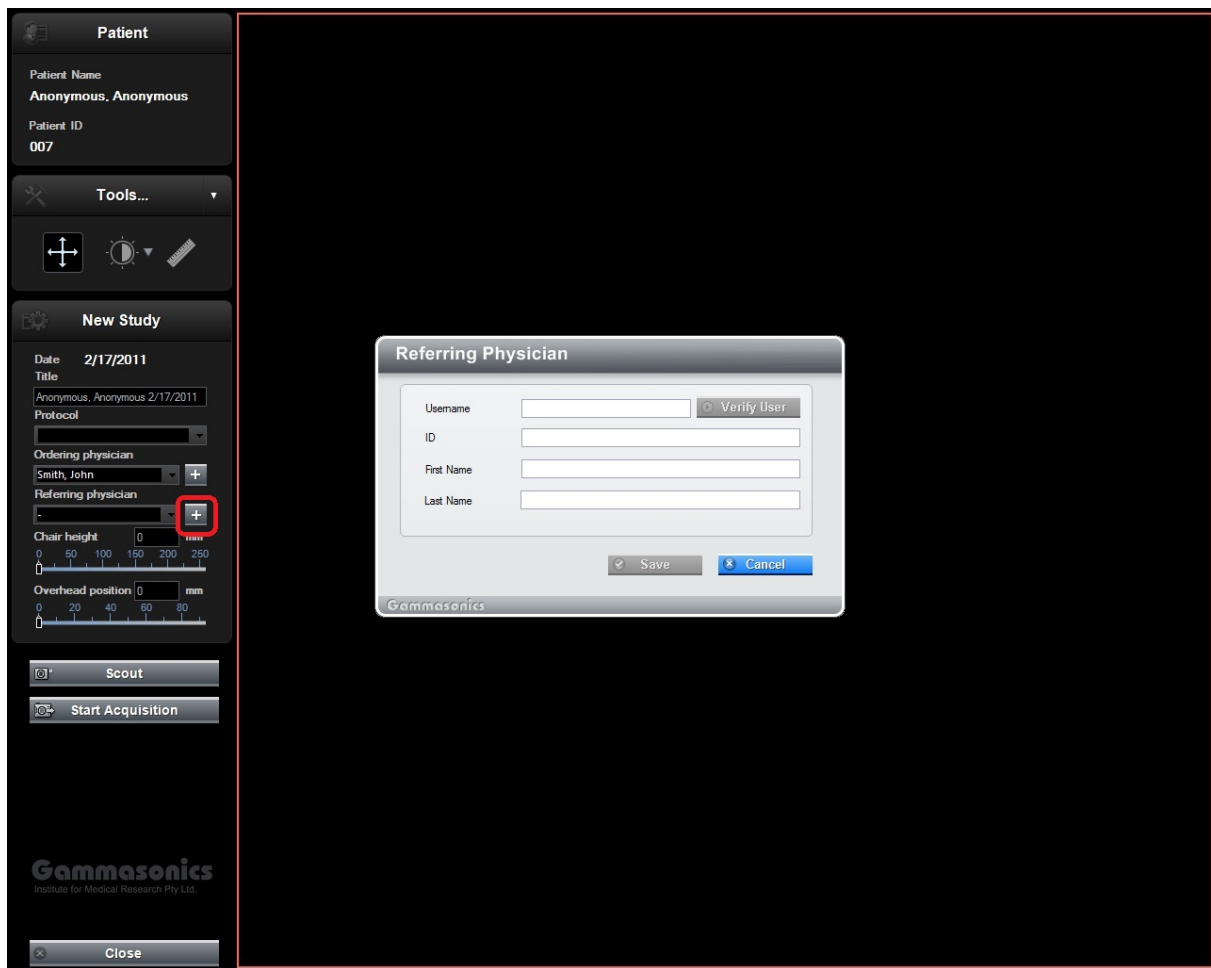


To add/link to a new Referring Doctor from *CB Link*, click on button **New** (marked with 1). The Referring Physician will open.

To link *Referring Doctor*, insert in **Username** or **ID** field in the form his username or ID (Guid) acquired as described in section *Acquire Doctor's Username or ID from CB Link* in this chapter and click on **Verify User** button. If verification is successful, other fields (First Name, Last Name) in the form will populate with data from *CB Link*. After successful verification, by clicking on **Save** button you will create and link new *Referring Doctor* in *CT Premium*.

In a case of unsuccessful verification check acquired Username or ID from *CB Link* and contact *CB Link* Administrator.

A new Referring Doctor can also be added from the Acquisition Form, by clicking on '+' button next to **Referring Physician** field (marked with red in picture below).



To edit existing Referring Doctor in *CT Premium*, select him from the list in the Referring Physicians page (as shown in picture above) and click on **Edit** button (marked with 2).

After *Referring Doctor* is linked with his *CB Link* account, he will be able to see all his referred studies in *CB Link* portal in *My Scans* section after the acquisition (as described in chapter *Studies*)

8.5 Study in CB Link

To see a referring scan, *Referring Doctor* (or *Ordering Doctor*) should log in to *CB Link* portal and access the study in his *My Scans* section, as described in chapter *Studies*.

